DAK
INDUSTRIES
INCORPORATED

Winter 90

The Truth About Radar Detectors!

See The Surprising Results Of The DAK Radar Challenge In This Issue.

The New dbx Soundfield V

Now you can thrill to live, 10th row center sound right in your home. The dbx Soundfield V Stereo Imaging Speaker Systems will infuse all your music with stunning three-dimensional detail. You'll hear soaring highs, surging midrange and penetrating bass. A special offer brings them to you for just $349 a pair.

By Drew Kaplan

It's dbx. You may know of dbx through their revolutionary work with the dbx noise reduction system. Over the past two decades, they've become a leader in virtually all fields of audio technology.

Their ground-breaking work has earned them numerous industry awards and 74 patents for their advances in all branches of audio research, including speaker design.

Originally, dbx was owned by the half billion dollar electronics giant BSR. But, it isn't any more. And, now there's a whole new line of audiophile dbx speakers.

Introducing the Soundfield V Stereo Imaging Speaker System, the flagship of the new line. This 5-way, 5-speaker system with special top-mounted ambience speakers will give you crisp, sparkling highs, surging midrange and devastating, bottomless bass.

Plus, its revolutionary stereo imagery will give you incredible 10th row center, live performance sound from **any position in your listening room.** Read on and we'll discover what makes this awesome system unique.

MOUNTAIN-MOVING BASS

Sit down. Strap in. And, hang on. You'll be engulfed by a tidal wave of precise, wall-shaking bass. This incredibly clean, dramatic bass is created by massive 15" woofers.

With the Soundfield V you'll thrill to thunderous bass all the way down to 24Hz. But, there's more to these woofers than size.

The 15" dbx speaker cone is coated with a special nylon laminate. It annihilates sub-bass break-up and distortion without sacrificing transient response. All of your music will be infused with amazingly tight, incredibly precise, thundering bass. Wow!

You'll experience the cataclysmic impact of a full orchestral crescendo at peak volume or the subtle pluck of a bass string with equal clarity and true-to-life brilliance.

EXPLOSIVE MIDRANGE

It's despicable. Most speaker manufacturers simply slap in 5" paper midranges to reproduce what's really the largest portion of the sound spectrum we can hear.

But, the Soundfield V Stereo Imaging Speaker System is different. Its 8" polypropylene midrange drivers make it unique.

These polypropylene drivers are stronger and more rigid than paper drivers. They eliminate distortion and reproduce the frequency range from 800Hz to 3,500Hz with brilliant clarity and incredible power.

Everything from classical arias to cool jazz sax solos to big band brass explodes with sonic drama and startling realism.

And, you won't have to worry about them, either. The 25mm voice coils are bathed in ferrofluid. So these polypropylene drivers will handle up to 300% more power and last years longer than ordinary drivers.

Plus, ferrofluid not only cools the driver, it dampens unwanted resonances that make other speakers sound muddy.

You'll be amazed at the day and night difference. All your CDs, tapes and albums will surge with passionate midrange.

STRATOSPHERIC HIGHS

Forget cones, domes and horns. The Soundfield V System employs audiophile ribbon tweeters.

Because they're more expensive, ribbon tweeters are usually found only on multi-thousand dollar speaker systems.

Instead of a cone, dome or horn, a ribbon tweeter utilizes a micro-thin aluminum membrane.

This compliant membrane reproduces all the frequencies from 3,500Hz to beyond the range of human hearing.

Nothing is quicker or has better transient response than a ribbon.

Piccolos sparkle with incredible brilliance. Violins sing with unmatched vibrancy. And, every brush stroke on a cymbal resounds with clarity.

MIND ACOUSTICS

On top of each speaker cabinet you'll find a 4" polypropylene midrange, and a 2" wide-dispersion, ferrofluid cooled, liquid-edge ambience tweeter.

These 'top-firing' ambience drivers make the Soundfield V System unique. They create the effect of sound reflecting off the ceiling of a concert during a live performance.

(Next Page Please . . .

*The new dbx 36" tall 5-way, 5-speaker Soundfield V Speaker Systems (**They really are big**. Our model doesn't even reach the bottom of the huge 15" woofer.), give you $1,000 speaker system sound at a fraction of the price.*

. . . dbx Soundfield V Continued)

So, every CD, tape and record you listen to will sparkle with the ambience, openness and excitement of a live performance in an acoustically perfect concert hall.

There's even an attenuator so you can adjust the volume level of the top drivers and enlarge or decrease the psychoacoustic ambience effect to match the exact characteristics of your listening room.

You'll have more than just great sound. You'll bring all the excitement, drama and soul-stirring passion of a concert hall performance into your own home.

PERFECT IMAGING ANYWHERE

The true test of a speaker system is how close to 'live' it sounds. And, the Soundfield V passes this test like no other speaker system.

It's the imaging. The dbx Soundfield V Stereo Imaging Speaker System doesn't just reproduce sound. It creates the illusion that the musicians are actually playing in front of you. This is known as stereo imaging (see the box at bottom right).

The Soundfield V Speaker System is engineered to give you the best stereo-imaged sound regardless of speaker placement.

All of the drivers in the Soundfield V System were chosen for their matched sensitivity and frequency responses.

A network of four specially-designed crossover circuits ensures the correct frequencies are routed to the proper drivers. This eliminates phase shift and cancellation.

Two of the crossovers control the front drivers. All frequencies below 800Hz are sent to the 15" nylon-laminated woofer.

The front 8" polypropylene midrange receives all the frequencies between 800Hz and 3,500Hz. And, all frequencies above 3,500Hz are routed to the ribbon tweeter.

Two more crossovers control the top-mounted drivers. One directs all frequencies from 1,200Hz to 5,000Hz to the top midrange. The other routes all frequencies above 5,000Hz to the top ambience tweeter.

This special crossover system tailors the sound for perfect stereo imaging no matter where you place the speaker systems.

The ribbon tweeters and the top-firing tweeters are mounted on the outside edge of each cabinet. So, the systems have acoustically defined right and left speakers.

You'll hear wide, but interactive separation. And, your music will take on a 3-dimensional quality never before possible.

Even the cabinets are crafted to maximize the psychoacoustic effect.

Examine the photo of the Soundfield V System on the opposite page. You'll notice that the speaker cabinets are angled so that the front tweeter and midrange are on a different plane than the woofer.

The result? Cancellation between the drivers is eliminated. Every note will be crisp, clear and stunningly distinct.

Plus, the front, angled ribbon tweeter and 8" polypropylene midrange project the sound information to the ceiling where it's reflected around the room.

This engineering breakthrough makes your room an interactive component of the Soundfield V System.

The combination of the front, angled and top-mounted drivers creates music with such incredible depth and vibrancy, it's like attending a live command performance every time you listen to your stereo.

AUDIOPHILE'S PARADISE

The dbx Soundfield V Stereo Imaging Speaker System operates flawlessly with conventional amplifiers and receivers. The crossovers are even designed for bi-amping.

With bi-amping, you eliminate the internal crossover between the woofer and the rest of the drivers. You can have one amplifier drive the woofer only while another handles the midrange and tweeters.

And, since nothing is too good for dbx, each speaker's input terminals are gold-plated for super-conductivity.

It works perfectly with any amplifier or receiver from 20 watts to 250 watts. So it's a superb addition to any size system.

WHY dbx AND WHY SO CHEAP?

As I said, dbx used to be owned by BSR. And, DAK has carried a number of BSR's Speakers including the Colossus.

You'll notice some similarities between the Soundfield V and the Colossus. That's because the dbx Soundfield V shares the same audiophile heritage as the BSR Colossus.

Because of a contractual agreement with BSR, I couldn't offer both BSR and dbx speakers at the same time. But, now you're going to see lots of dbx products in future DAK catalogs.

And, to spread the news about the dbx name, and the DAK/dbx alliance, in the consumer electronics market fast, you'll get a great price. That's why we're offering you this revolutionary system for just $349.

SNEAK ATTACK EXPOSED

Most stereo stores, make you listen to their speakers in specially-designed rooms that make any speaker sound terrific.

Plus, a lot of them 'program' the music you hear by playing CDs or tapes they know will make their speakers sound better.

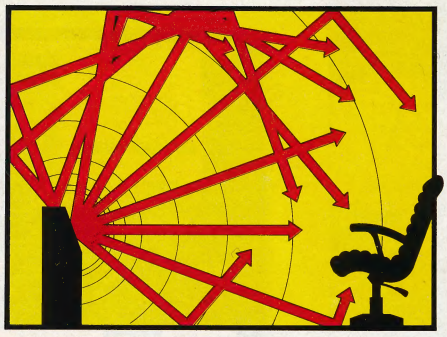
Don't be fooled. The only way to truly judge which speaker system is best for you is to listen to it in your own home, with your favorite music, over a number of days.

That's why DAK gives you a risk free trial period. You can test the Soundfield V Stereo Imaging Speaker System with your stereo system for 30 days. That way, you can be sure this system is absolutely perfect for you.

The dbx Soundfield V Stereo Imaging Speaker System is backed by a two-year dbx standard limited warranty. Each speaker system measures 36"H. x 18⅜"W. x 12"D.

THRILL TO SPEAKER PERFECTION RISK FREE

Prepare yourself for the audio experience of a lifetime. You'll be rocked by precise wall-shaking bass. You'll be dazzled by sparkling highs. And, you'll be stunned by the 3-dimensional sound of stereo imaging.



The Soundfield V's top-mounted ambience speakers and front-angled drivers reflect the music off the ceiling and walls of your listening room. The result? All your music will swell with the wide-open ambience of a live, concert hall performance.

If you're not engulfed by the most incredible sound you've ever experienced, simply return them to DAK in their original boxes within 30 days for a courteous refund.

To order your Acoustically-Matched Pair of 5-Way, 5-Speaker dbx Soundfield V Speaker Systems with Thundering 15" Nylon-Laminated Woofers, 8" Polypropylene Ferrofluid-Cooled Midranges, Ultra-Sensitive Audiophile Ribbon Tweeters, Top-Mounted Speakers with Unique Stereo Imaging, 4 Separate Crossover Networks, Gold-Plated Connectors and Acoustically-Designed, Sound-Directing Angled Cabinets risk free with your credit card, call toll free or send your check for just **$349** ($36 P&H). Order No. 5447. CA res add tax.

To make sure your speakers are receiving the purest sound possible, add the new dbx 9-foot Speaker Cables to your order. They're just **$29.90** a pair ($4 P&H). Order No. 5308.

Whether you listen to classical, jazz, pop or rock, with the dbx Soundfield V Stereo Imaging Speaker System, your CDs, tapes and albums will explode with striking dynamic detail, perfect stereo imaging and awesome raw power.

DAK INDUSTRIES INC.

Call Toll Free For Credit Card Orders Only
24 Hours A Day 7 Days A Week

1-800-325-0800

For Toll Free Information, Call 6AM-5PM Monday-Friday PST
Technical Information.....1-800-888-9818
Any Other Inquiries.....1-800-888-7808
8200 Remmet Ave., Canoga Park, CA 91304

Stereo Imaging Explained

What is stereo imaging? The best way to understand it is to experience it. So, let's try a little experiment.

Close your eyes and listen. Do you hear the sounds all around you? A car going by on the street? Someone moving around in the room? A radio off in the distance?

The sounds come from different directions. But, you can tell, even with your eyes closed, where they come from.

Your brain interprets the milli-second differences between the time the sound reaches your right and left ears. And, that's how you can tell from what direction a particular sound originates.

This is EXTREMELY important to stereo imaging. When music is recorded, especially classical compositions, the music comes from different instruments and distinctly different directions.

In an orchestra, the violins are always to your left. The cellos and double basses are on the right. The violas are facing you. And, the percussion, woodwinds and brass are to the rear of the orchestra.

But, when you listen to your stereo system, the sound only comes from two confined sources, your speakers.

Stereo imaging speaker systems are specially-designed to create the audio illusion that the sound is coming from different sources and different places. Just like you'd hear during a live performance.

And, since few homes are acoustically perfect, stereo imaging speakers are designed to make up for deficiencies. So you'll have perfect stereo imaging regardless of your listening room's acoustics.

Copyright ©1989 by DAK INDUSTRIES, INC. All rights reserved. Reproduction in part or whole is prohibited.

PRIORITY
CODE: HX76

DAK INDUSTRIES INCORPORATED

8200 REMMET AVE., CANOGA PARK, CA 91304

Dear P J

My name is Drew, and I've probably got the neatest job in the whole world.

I'm writing to you because, from the list I found your name on, I think that you may be a lot like me!

I'm sort of the ultimate electronic gadget freak. Plus, I like to be ahead of the crowd. That's why my job is so neat. I get to play with the newest electronic gadgets, usually even before they hit the market.

Virtually everything in my home is remote controlled. And I'm testing computers, VCRs, tape decks, equalizers and lots of other electronic devices in almost every room in my home. (Much to the chagrin of my wife.)

My catalog will take you on a journey through the never never land of new electronic technology. I personally test every product in my own home. And, I'm responsible for every word in this book.

But don't worry, DAK is a very substantial company. And, your purchases are well protected by our double risk free policy. (See our order form.)

DAK has over 2,600,000 customers, and we've been offering BIG DISCOUNTS on electronics for over 25 years. We have a large friendly staff to take care of all your electronic needs.

But, I choose the products. And, this catalog is all mine. Since I can't actually sit down and talk to you, P J Norkunas, I write about both the good and bad parts of each product as if we were talking together.

It's not a bad life that I have, playing with each new electronic breakthrough product. The hard part is selecting only the best products that will make our lives most exciting. I hope I've done it. But turn the page and check for yourself.

Sincerely,
DAK INDUSTRIES, INC.

Drew

Drew Alan Kaplan
President

TOLL FREE CUSTOMER SERVICE

Once you place an order from DAK, we don't leave you out in the cold. You can call our toll free customer service department at **1-800-888-7808.**

Our customer service lines get pretty busy and sometimes it's hard to reach us. So, we keep you informed by mail. If you do wish to check on your order, or need other ordering information, we are here to serve you. **Please see bottom of page for our Technical Product Information Line Number.**

We are open Monday through Friday 6AM to 5PM Pacific Time. The best times to call are before 8AM and after 3PM. **The people on the DAK Order Lines do not have any information about orders in progress, shipped merchandise or product information.**

DOUBLE RISK FREE OFFER

We want you to try anything in this catalog risk free. You'll find our product descriptions more complete than in any other catalog that we have seen. Our feeling is that the more you know about a product the more likely you are to like it when it comes.

And, that's important to us because when you do receive a product from us, you have a full 30 days to decide if 1) it's what we described, 2) it fits your needs, and 3) if you like it.

All you need to do to get your money back, is return the product to us prepaid and insured, in new unmarked condition with all its original parts, instructions, packing boxes and our original invoice (or a copy) within 30 days of when you receive it.

Price Protection. You can't lose. As part of our 30 day risk free trial, in the unlikely event that you find any product that you buy from this catalog selling for less than our catalog price, just send us a copy of any newspaper or magazine advertisement that appears during the 30 day period, and a copy of your invoice.

We will issue you an immediate merchandise credit for the difference in merchandise price. So, you'll have both a satisfaction guarantee plus price protection for 30 days from the time you get any DAK product purchased from this catalog. Of course you are also protected by the individual manufacturer's warranties on all the products we offer.

VISIT OUR FACTORY SHOWROOM

1-818-888-1399----8200 Remmet Ave., Canoga Park, CA 91304

10 A.M. to 6 P.M. Monday through Friday

When you're in the Los Angeles area why not drop in and visit us in person. You'll get a really close-up look at most of the exciting products in our catalog.

Plus, you'll find discounted products from past catalogs and products that will be in future catalogs. A trip to our showroom is like a venture into the future.

ORDER TOLL FREE

FOR CREDIT CARD ORDERS ONLY

Call 24 hours a day 7 days a week

3 2 5

1-800-DAK-0800

SEE BELOW FOR INFORMATION CALLS

VISA MasterCard AMERICAN EXPRESS Card

Call 6AM to 5PM Monday Through Friday Pacific Time

Technical Information Only.....1-800-888-9818

Any Other Inquiries.....1-800-888-7808

It's unfair to overpriced electric typewriters. It's unfair to multi-thousand dollar fax machines. And, with the $1,219 in bonus software I've added, it would be unfair to ask an ENTIRE OFFICE to compete with the awesome productivity power you'll wield.

Unfair Competition?

By Drew Kaplan

Why pay $1,000 for an IBM® electronic memory typewriter? And, why pay over $2,000 for an automated fax machine? Now, if you're an executive on the top-rung of the corporate ladder or a soon-to-be A+ student, you'll leave your non-computer-using peers in the dust. Look at all you get for $999!

- ✔ *$995 HeadStart Plus 640K 9.54MHz IBM-Compatible Computer with Exclusive HeadStart Easy-Operating Environment*
- ✔ *$299 20-Megabyte Hard Disk*
- ✔ *$79 12" Amber Monitor*
- ✔ *$495 WordStar 5.0 Professional*
- ✔ *$99 Grammatik III Grammar-Checker*
- ✔ *$149 KeyChart Graphics Program*
- ✔ *$179 Key FormDesigner Program*
- ✔ *$149 KeyMailer Mailing Database*
- ✔ *$69 PC USA Desktop Atlas Program*
- ✔ *$79 Mouse and Paint Program*

AND, add just $299 and you'll get:

- ✔ *$299 Computer Fax System*
- ✔ *$299 Near-Letter Quality Printer*

READ ON!

I was furious. It was unfair. The factory in Japan called me in the middle of the night and told me they wouldn't be shipping me any breadmakers for at least a month.

I dragged myself out of bed, stormed into my home office and drafted a scathing letter telling them exactly what I thought of them. Then, I instantly faxed my letter directly from my computer to their home office.

Without my computer, I never could have written, spell-checked and grammar-checked that 2-page letter in under 5 minutes. And, I never could have spontaneously expressed the fury I felt at that very moment.

It was wonderful having powerful WordStar 5.0 to create my letter. With its thesaurus, I could be sure I used tough (ferocious, formidable, stringent) words to express myself. And, its spell-checking made sure every word was spelled correctly.

Plus, Grammatik III checked my grammar. (I didn't want to complain in a passive voice.)

There's so much more. Wait till you see the incredible customized forms you'll effortlessly create with Key FormDesigner.

And, I've never used a program as terrific as PC USA. It shows me state-by-state statistics in both map and tabular form. I can even view topographical maps.

But, back to my problem with the breadmakers. With my computer's built-in fax, I put my letter in their hands halfway around the world within minutes. (Later that day, they agreed to ship my entire order of breadmakers right on schedule.)

And now, whether you write term papers, mystery novels, marketing proposals or even nasty letters to breadmaker manufacturers, you can put this problem-solving computer power to work for you.

Plus, this computer is so easy-to-learn I'll GUARANTEE that you can create a computerized letter in less than an hour. And, if it takes you even ONE minute longer **I'll send you a $49⁹⁰ gift!** (More later.)

Important: We're not talking about just any IBM-compatible computer. This one is engineered by HeadStart Technologies.

And, with its full 640K memory, 20-megabyte hard drive, built-in fax machine and FREE bonuses, it's unfair to compare it to ANY computer under $2,500.

But, before I tell you about this incredible time-saving AND work-saving machine and the $1,219 in idea-generating software I've included FREE, let's explore just how unbelievably easy this computer is to use.

JUST TOUCH A BUTTON

It's so easy. Every step of the way you'll be guided by on-screen 'plain English' menus that protect you from complicated DOS computer commands. (If you're fluent in 'Computereze' you can still use DOS.)

Enjoy dinner with the family. Just copy the programs you use at work and finish your project at home. Plus, with the optional fax, you can have instructions waiting for your secretary the next morning or thrill to

instant written communication worldwide.

LABOR-SMASHING SOFTWARE BONUSES

Frankly, you might match my price if you find a cheap bare-bones IBM-compatible. But, I doubt you'd match this computer's quality. Plus, just look at the $1,219 in software bonuses I've added.

BONUS #1 The HeadStart computer comes with its own word processing program. But, I didn't think it was good enough. So I added the work-blasting, idea-crunching **WordStar 5.0 Professional** (a $495 value).

Now your letters, manuscripts or school papers will explode with the full force of your ideas. And, even though WordStar 5.0 is one of the most powerful word processors ever, it's also really easy to use.

You'll thrill to the convenience of pull-down menus. Plus, with its massive (colossal, enormous, gargantuan) 200,000-word thesaurus, 100,000-word spell-checking and REAL dictionary with definitions, you'll infuse your writing with incredible word power.

And, on the included monochrome monitor you can preview as many as 14 pages at once, 2 facing pages or magnify a single page 400%! Your documents will look great.

Note: I'm including WordStar 5.0 with this computer. There is a newer WordStar 5.5 which has 3 major differences. But, if you're not using the 5.5 version now, this program is one of the top 5 in the world! And, to prove it I'll make you a wager.

The Wager. I'm betting a 49^{90} gift that you can write me a one page computer letter using bold, italic, centering, the spell-checker and thesaurus in less than an HOUR!

If it takes you even ONE-MINUTE longer, I'll send you a 49^{90} gift from this catalog. To collect, simply send me a letter telling me how long it took you. There's one catch: Your letter must be written with WordStar and printed out from this computer.

You can't lose. If it takes you less than an hour, send me a computer letter saying how easy this computer is to use. And, give me permission to print your letter and initials in my catalog. I'll send you a 49^{90} gift, too.

BONUS #2 After you've finished creating prolific prose with WordStar 5.0 Professional, **Grammatik III** (a $99 value) will grammar-check all your work.

Now you'll never have to worry about incomplete sentences, punctuation errors or using 'it's' instead of 'its', 'they're' instead of 'their', or 'to' instead of 'too'.

BONUS #3 Banks LOVE charts. And, I've had so much success with this great program I call it the Bank-Buster.

With **KeyChart** (a $149 value), you'll infuse your numbers with persuasive power. They'll leap off the page with eye-grabbing exploded pie charts, stacked bar charts, comparative line charts and more than a dozen other types of charts.

BONUS #4 Create any type of form from simple personalized appointment book pages to complex inventory control forms with **Key FormDesigner** (a $179 value).

If you're a student you can create customized class schedules and assignment lists. If you're in business you can design purchase orders, employment applications, ledger sheets, contracts and more.

Note: These are professional-looking forms you'll be proud to use and distribute.

BONUS #5 If you have 10 friends, 100 club members or 10,000 customers you'll save hours of time and labor with the **KeyMailer** database (a $149 value).

Use it with WordStar 5.0 to create 100's of personalized fund-raising letters. Or, if you're a student, you can churn out job-getting resumes and cover letters.

BONUS #6 PC USA (a $69 value, but I think it's worth $200). With this wealth of vivid graphics and fact-filled tables packed with up-to-date information on all 50 states, your marketing reports, presentations and school papers will be a snap.

Imagine seeing beautifully detailed state maps showing elevations, cities and geographical features. Imagine instantly pinpointing distances between major cities.

And, imagine instantly accessing population and age distribution, health statistics, crime information, tourist attractions, climate trends, taxes, state histories and highway statistics—all with a touch of a button.

BONUS #7 Let your artistic talents run wild with a **Mouse and Logitech's PaintShow Plus program** (a $79 value). Now you can easily create great-looking logos, maps, illustrations, and even fine art.

OBLITERATE WORK

The Headstart Plus is 100% IBM-XT compatible. And, with its 640K memory and 20-megabyte hard drive, you can run even the most demanding business programs.

With its pull-down menus, WordStar 5.0 is incredibly easy to use. There's really nothing to learn. (Note: See how your writing explodes to life on the optional CGA color monitor.)

Whether you type 90 words-per-minute (like I do) or hunt and peck, the enhanced 84-key keyboard is a real joy to use.

And, with Headstart's 3-in-1 CGA graphics capability you can display your data on the included 12" monochrome monitor or the optional 14" CGA color monitor without installing a different graphics card.

Plus, with 5 available expansion slots you can easily add to your system later on.

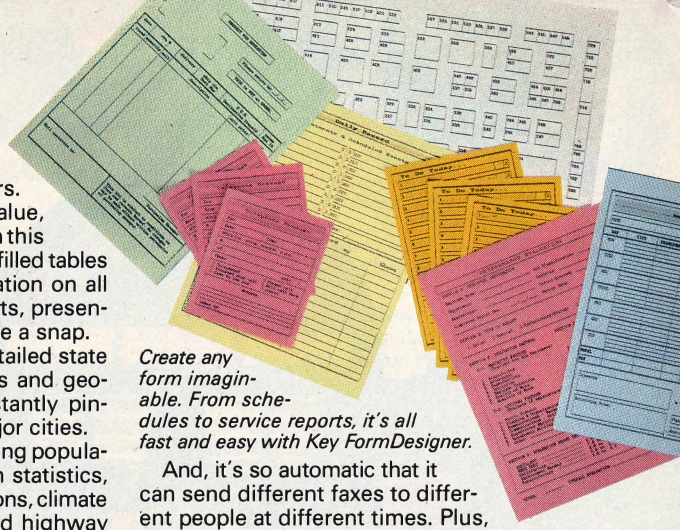
You'll also get MS DOS 3.3, GW-Basic, Headstart's separate programs for word processing, databases and spreadsheets, a clock/calendar, a pop-up calculator, an appointment book and more. Wow!

FAX EXPANSION NOW

With the optional fax system, your faxes will be the best ever. Wait till you see how much sharper **COMPUTER** faxes are.

The secret? Now your faxes will be printed on plain paper on the computer's printer. So forget flimsy, hard-to-read thermal printouts forever. Plus, you can read your faxes privately right on your computer screen without ever printing them out at all.

This fax-system has programmable features you'd only find on a multi-thousand dollar machine. You'll never have to 'babysit' a multiple-page fax by feeding in one page after another to avoid jamming.



Create any form imaginable. From schedules to service reports, it's all fast and easy with Key FormDesigner.

And, it's so automatic that it can send different faxes to different people at different times. Plus, instead of running to a distant fax machine, you can do it all right at your keyboard.

The HeadStart Plus computer and all its productivity-enhancing peripherals and accessories are backed by the individual manufacturers' standard limited warranties.

AWESOME PRODUCTIVITY RISK FREE

At work or at home, for school or business, now you can instantly spell-check and grammar-check everything you write.

Now you can create sensational customized forms of any kind. And, now you can print out information-packed maps and tables the moment you touch the keyboard.

If you're not 100% thrilled with your new-found computerized productivity-power, simply return it to DAK in its original box within 30 days for a courteous refund.

To order your Easy-To-Use, Super Fast 9.54MHz, HeadStart Plus XT-Compatible Computer complete with Powerful 20-Megabyte Hard Drive, 5¼" Floppy Drive, Hercules-Compatible Amber Monochrome Monitor with Swivel Base, Exclusive HeadStart Environment with Menus That Eliminate Figuring Out DOS, Tutorial, Word Processing, Database Manager, Spreadsheet, Clock/Calendar, Pop-Up Programs, MS DOS 3.3 and GW-Basic, **PLUS** $1,219 in FREE Bonuses including WordStar 5.0 Professional, Grammatik III, Key FormDesigner, KeyChart, KeyMailer, PC USA, Mouse and PaintShow Plus, don't send the suggested $2,592 price, just send DAK's breakthrough price of **$999** ($49 P&H). Order No. 5513. CA res add tax.

To order all of the above PLUS the built-in FAX system and a near-letter quality dot-matrix printer (complete with cable and printer stand) that prints 160 characters per second in draft mode or 40 CPS in the NLQ setting send just **$1,298** COMPLETE! ($69 P&H) Order No. 5514.

CGA COLOR OPTION. Upgrade to a color CGA monitor for just $149 ($12 P&H). You must order your CGA upgrade with your computer. Order No. 5515.

PRINTER OPTION. If you ordered the computer **without** the FAX, you can still get the high speed dot-matrix printer above for just **$169** ($12 P&H) Order No. 5508.

Go out and check the price of a top-of-the-line IBM Wheelwriter®, Xerox Memorywriter® or an automated fax machine. I'll bet you can't find one for the price of this incredible work-bashing package. It's as unfair a comparison as I've ever seen.

Plus, wait till you finish 12 hours of work in 8 hours while your non-computer literate associates hopelessly struggle to keep up.

IBM XT and Wheelwriter are registered trademarks of International Business Machines. Xerox Memorywriter is a registered trademark of Xerox Corporation.

Thrill to 600 Rock 'n Roll hits (more than any jukebox could hold) of the 50's, 60's and 70's on 40 CDs.

"It's My Party. . ."

But, you won't be crying. Not when you see DAK's price for this 600-song Rock 'n Roll Collection of the greatest hits of the 50's, 60's and 70's. Of course, you may shed a tear or two when you hear 'Teen Angel'. But, I'll bet you'll get a laugh from 'Purple People Eater'. And, I know you'll laugh all the way to the bank (or the malt shop) with this 40-CD blast-from-the-past for just $249.

By Drew Kaplan

Bop Bop A Doo Wop! From 'Heat Wave' by Martha Reeves to 'Save The Last Dance for Me' by The Drifters to 'Will You Love Me Tomorrow' by The Shirelles, you're gonna rock till you drop!

And, how can anyone ever forget The Starlighters' rockin' party hit 'Shout' or The Box Top's soulful love song 'The Letter'.

Imagine singing along to 'At The Hop', 'Blue Moon' and 'Da Doo Ron Ron' with the **original artists.** And, imagine thrilling to the rare and authentic sound of these original recordings **exactly** as you remember them.

It's an entire classic Rock 'n Roll Library of the 50's, 60's and 70's greatest hits. AND, you'll hear them all on 40 great original-sounding CDs (but without the scratches, skips, hiss and pops of records).

You'll have 'Stranger In Paradise', 'Under The Boardwalk', 'I Believe In Music' plus 589 more hits **for less than $6²⁰ a disc.** And, you'll get up to 15 songs on each disc rather than the 8-12 you'd find on discs from record stores.

ROCK AROUND THE CLOCK

Now you'll thrill to 30-40 hours of Rock 'n Roll magic. That's a music-party of more than 50 albums OR more than an 8-night dance marathon. Can you dig it?

If you loved the 50's and ducktail haircuts, '57 Chevy's and drive-in diners, you'll flip over The Crew Cuts 'Sh-Boom', or how 'bout 'Cryin' In The Chapel' and 'Tutti Frutti'.

If all-girl groups and the British Invasion of the 60's are your thing, you'll be tapping your feet and clapping your hands to classics like 'Duke Of Earl', 'Sugar Shack', 'Stand By Me' and 'Leader Of The Pack'.

And, if you dig rhythm and blues, smooth cool vocals and swaying dancing music, you're gonna be boppin' and rockin' with 70's classics like 'Feelings', 'I Believe In Music' and 'Precious and Few'.

DAK'S DJ'S TWIST AND SHOUT

I'm a cellist. And, I've relished classical music all my life. But, I do remember parking with my steady girl at the 'submarine races' and 'making out' while we listened to 'Cherish' by The Association.

Anyway, I brought this fantastic 600-song, 40-CD collection to DAK's resident 'oldies rock 'n roll' expert, Vince (who, by the way, used to teach dancing).

The minute he began to play them, a crowd of Dakonians rushed into his office.

Thad, our 'rhythm and blues' enthusiast, wanted to boogie to the drum solo on 'Tighten Up' by Archie Bell And The Drells.

Kevin, who's a 60's rock 'n roll fanatic, knew all the words to Sam and Dave's smash hit, 'Soul Man' (if only he could sing).

Then, Vince started showing everyone the steps to 'The Shake', 'The Swim' and 'The Boogaloo'. It was an instant party!

BONUS BONUS BONUS BONUS

'Good Golly Miss Molly'! You don't have a CD player? No problem. I've put together a 4 CD-player bonus package, so you can join the cool gang of CD owners without shelling out a lot of bread.

Get down and order this dynamite 600-Song, 40-CD Classic Rock 'n Roll Collection and check out the CD player action on page 7.

YOU'RE GONNA DIG 'ADD'

Wait till you drift down memory dreamland with old friends like 'Unchained Melody', 'This Magic Moment' and 'I Got Rhythm'. You'll probably pull out your photo album.

Wait till you 'rock-out' to the awesome power of feedback and fuzztone guitars in 'Psychotic Reaction' and 'In-A-Gadda-Da-Vida'.

And, wait till you thrill to the true, authentic **ADD** sound of ORIGINAL **A**nalog recordings, **D**igitally remixed (to remove most of the hiss and pop), and then **D**igitally transferred to CD for superb, pure sound.

Now when you hear Little Richard's 'Long Tall Sally', The Marcel's 'Blue Moon' or The Chiffons' 'He's So Fine', you'll swing to every strumming guitar, every wail of the sax and every beat of the snare drum. This Rock 'n Roll party will last for years and years.

Plus, these CDs have muscle. Remember how your albums and 45's scratched or warped? Nix it. CDs will never scratch or warp. And, they won't stretch, pull out or be accidently erased like tapes.

YAKETY YAK (ROCK 'N ROLL FROM DAK) RISK FREE

Wait till you boogie to 'Wooly Bully'. Wait till you sing backup vocals to 'Jimmy Mack'.

And, wait till you make dozens of customized 'oldies' cassette tapes for use in your personal stereo or car (imagine driving and traveling back through time with classics like 'Tobacco Road', 'Love Potion Number 9' and 'Up On The Roof'). You'll be cruisin'.

If these 40 CDs don't 'sock-it-to-you', simply return them in their original box to DAK within 30 days for a courteous refund.

To order your 600 Classic Rock 'n Roll Hits on 40 Awesomely Pure, Superbly Reproduced CDs with your credit card, call toll free or send your check for DAK's Back-To-The 50's price of just **$249** ($14 P&H). Order No. 5507. CA res add tax.

Even if you just want to dance and reminisce all night with your favorite girl to cherished Rock 'n Roll memories.

With this incredible 50's, 60's and 70's, 600-song, 40-CD Classic Rock 'n Roll Collection. 'It's Going To Be Your Party And You Can Do What You Want To.'

Rock 'n Roll to 600 Hits From The 50's, 60's And 70's On 40 CDs

Barbara Acklin - Love Makes A Woman
Dick & Don Addrisi - We've Got To Get It On Again
The Ad Libs - The Boy From New York City
Jewel Akens - The Birds & Bees
American Breed - Bend Me, Shape Me
Lynn Anderson - Rose Garden
The Angels - My Boyfriend's Back
Archie Bell & The Drells - Tighten Up
The Association - Cherish, Along Comes Mary, Never My Love, Windy, Everything That Touches You
Frankie Avalon - Just Ask Your Heart, Ginger Bread, Venus, Why, Bobby Sox To Stockings
Bachelors - Diane, Marie
Badfinger - Come And Get It
Kenny Ball & His Jazzmen - Midnight In Moscow
Hank Ballard - Finger Poppin' Time, Let's Go, Let's Go, Let's Go
Ron Banks, Formerly Of The Dramatics -In The Rain
Fontella Bass - Rescue Me
Edward Bear - Last Song
Beach Boys - Surfin' Safari
Beau Brummels - Just A Little, Laugh, Laugh
Brook Benton - A Rainy Night In Georgia, Revenge, Thank You Pretty Baby, The Boll Weavil Song, It's Just A Matter Of Time, Baby (You've Got What It Takes), So Many Ways, A Rockin' Good Way (To Mess Around And Fall In Love), Kiddio, Lie To Me, Think Twice, Endlessly, Hotel Happiness
Acker Bilk - Stranger On The Shore
Billie And Lilllie - La Dee Dah
The Bobbettes - Mr. Lee
Daniel Boone - Beautiful Sunday
Pat Boone - Don't Forbid Me, I'll Be Home, Moody River, Why, Baby, Why, I Almost Lost My Mind, Love Letters In The Sand, A Wonderful Time Up There, Ain't That A Shame, Remember You're Mine, April Love, Johnny Will, Speedy Gonzales
Box Tops - Cry Like A Baby, The Letter
Brewer And Shipley - One Toke Over The Line
Brooklyn Bridge - Worst That Could Happen
Donnie Brooks - Mission Bell
Polly Brown - Up In A Puff Of Smoke
Buckinghams - Kind Of A Drag,
B. Bumble & The Stingers - Bumble Boogie, Nut Rocker
Solomon Burke - If You Need Me
Dorsey Burnette - (There I Was) A Tall Oak Tree
Jerry Butler - Only The Strong Survive, Moon River, Hey Western Union Man, He Will Break Your Heart, Ain't Understanding Mellow
Iron Butterfly - In-A-Gadda-Da-Vida
Ace Cannon - Tuff
The Capitols - Cool Jerk
Cathy Carr - Ivory Tower
The Caravelles - You Don't Have To Be A Baby To Cry
Clarence Carter - Slip Away, Too Weak To Fight
Mel Carter - Band Of Gold, Hold Me, Thrill Me, Kiss Me
The Cascades - Rhythm Of The Rain
The Casinos - Then You Can Tell Me Goodbye
The Jimmy Caster Bunch - Troglodyte (Cave Man), The Bertha Butt Boogie Pt. 1
Chad & Jeremy - A Summer Song
Gene Chandler - Duke Of Earl, Groovy Situation
The Chantays - Pipeline
Chantells - Maybe
Chubby Checker - Hucklebuck, Let's Twist Again, Limbo Rock, Loddy Lo, Pony Time, The Fly, The Twist, Slow Twistin', Dancin' Party
Don Cherry - Band Of Gold
The Chiffons - He's So Fine, One Fine Day, Sweet Talkin' Guy
Christie - Iron Horse, Yellow River
Lou Christie - Lightning Strikes, I'm Gonna Make You Mine
Claudine Clark - Party Lights
Jimmy Clanton - Venus In Blue Jeans
Dee Clark - Hey Little Girl In The High School Sweater, Raindrops
Classics IV - Stormy, Spooky, Everyday With You Girl, Traces
The Cleftones - Heart & Soul
Climax - Precious And Few
Rosemary Clooney - Botcha-A-Me, Come On-A-My House, Hey, There, This Ole House, Half As Much
The Clovers -Love Potion Number Nine
Coasters - Searchin', Yakety Yak, Charlie Brown, Poison Ivy
Brian Connelly (Sweet) - Little Willy, Ballroom Blitz, Fox On The Run
Jerry Corbetta (Sugarloaf) - Don't Call Us
Cornelius Bros. - Treat Her Like A Lady, It's Too Late To Turn Back Now
Don Cornell - I'm Yours
Dave 'Baby' Cortez - Happy Organ, Rinky Dink, Hang Em High, Green Onions
Count Five - Psychotic Reaction
The Cowsills - Indian Lake, Hair, The Rain, The Park And Other Things
Crew Cuts - Sh-Boom, Earth Angels
Crystals - Then He Kissed Me, Da Doo Ron Ron, He's A Rebel, There's No Other (Like My Baby), He's Sure The Boy I Love
Danny & The Juniors - At The Hop
The Dells - Give Your Baby A Standing Ovation, Oh, What A Night
Daddy Dewdrop - Chick-A-Boom
Dale & Grace - I'm Leaving It Up To You, Stop And Think It Over
Vic Dana - Red Roses For A Blue Lady
Skeeter Davis - The End Of The World
Tyrone Davis - Can I Change My Mind, Turn Back The Hands Of Time
Bobby Day - Rockin' Robin, Little Bitty Pretty One
Jimmy Dean - P.T. 109, Big Bad John
Joey Dee & The Starlighters - Peppermint Twist, Shout
The Dell Vikings - Whispering Bells, Come Go With Me
Derek - Cinnamon
The Diamonds - Little Darlin', The Stroll
Dick & Dee Dee - Mountain's High, Young & In Love
Mark Dinning - Teen Angel
Dixie Cups - Chapel Of Love
Carl Dobkins, Jr. - My Heart Is An Open Book
Bill Doggett - Honky Tonk Part 1, Honky Tonk Part 2
Don And Jaun - What's Your Name
Lonnie Donegan - Does Your Chewing Gum Lose Its Flavour On The Bedpost Overnight
The Dovells - Bristol Stomp, You Can't Sit Down
Drifters - There Goes My Baby, This Magic Moment, Save The Last Dance For Me, Sweets For My Sweet, Saturday Night At The Movies, Please Stay, Up On The Roof, On Broadway, Under The Broadwalk
Dave Dudley - Six Days On The Road
The Duprees - You Belong To Me, My Own True Love, Have You Heard
Duane Eddy - Rebel Rouser
Edison Lighthouse - Love Grows (Where My Rosemary)
The Elegants - Little Star
Preston Epps - Bongo Rock
The Equals - Baby Come Back
Paul Evans - Seven Little Girls (Sitting In The Back Seat)
Betty Everett - Let It Be Me, The Shoop, Shoop Song (It's In His Kiss)
The Exciters - Tell Him
Fabian - Tiger
Barbara Fairfield - The Teddy Bear Song
Donna Fargo - The Happiest Girl In The Whole USA, Funny Face, Superman
The Fendermen - Mule Skinner Blues
Tony Fisher - The Big Hurt
Five Americans - Western Union
Fleetwoods - Come Softly To Me, Mr. Blue
Eddie Floyd - Knock On Wood
Flying Machine - Smile A Little Smile For Me
Wayne Fontana - A Groovy Kind Of Love, Game Of Love
The Fortunes - Freedom Comes, Freedom Goes, Here It Comes Again, Here Comes That Rainy Day Feeling Again
The Foundations - Baby, Now That I've Found You, Build Me Up Buttercup, Back On
The Four Aces - Tell Me Why, Perfidia, Heart Of My Heart, Stranger In Paradise, Three Coins In A Fountain, Love Is A Many Splendored Thing
Four Lads - No, Not Much, Moments To Remember, Standing On The Corner
Four Preps - Big Man, 26 Miles, Down By The Station
John Fred & His Playboy Band - Judy In Disguise
Freddie & The Dreamers - I'm Telling You Now (UK)
Bobby Freeman - C'Mon And Swim, Do You Wanna Dance
Friends Of Distinction - Grazing In The Grass, Love Or Let Me Be Lonely, Going In Circles
Gallery - I Believe In Music, (It's So) Nice To Be With You
The Gaylords - The Little Shoemaker, Tell Me You're Mine, Spinning A Web
The Gentrys - Keep On Dancing
Gerry & The Pacemakers - Ferry 'Cross The Mersey, Don't Let The Sun Catch You Crying
Don Gibson - Blue Blue Day, Lonesome Number, Sea Of Heartache
Jimmy Gilmer - Bottle Of Wine, Sugar Shack
Lesley Gore - It's My Party, Judy's Turn To Cry, That's The Way Boys Are, You Don't Own Me, She's A Fool
Gogi Grant - The Wayward Wind
Grass Roots - Two Divided By Love, Let's Live For Today, Sooner Or Later, I'd Wait A Million Years
Dobie Gray - The In Crowd, Drift Away, Loving Arms
R.B. Greaves - A Whiter Shade Of Pale, Take A Letter Maria, (Your Love Keeps Lifting Me) Higher and Higher, Always Something There To Remind Me
Jack Greene - I'll Be Home For Christmas, Pretty Paper
Larry Groce - Junk Food Junkie, Dead Skunk, Hot Rod Lincoln, Feeling
Bonnie Guitar - Dark Moon
Hamilton, Joe Frank & Reynolds - Don't Pull Your Love, Fallin' In Love
The Happenings - See You In September, I Got Rhythm
Harden Trio - Tippy-Toeing
Major Harris - Love Won't Let Me Wait
Edwin Hawkins Singers - Oh Happy Day
Dick Haymes - You'll Never Know, Little White Lies, Till The End Of Time
Bobby Helms - My Special Angel
Clarence "Frogman" Henry - Ain't Got No Home, (I Don't Know Why) But I Do, You Always Hurt The One You Love
The Hilltoppers - Trying, P.S. I Love You, Marianne, Only You
Ron Holden - Love You So
The Hollywood Argyles - Alley Oop
Eddie Holman - (Hey There) Lonely Girl
Clint Holmes - Playground In My Mind
The Hombres - Let It Out (Let It All Hang Out)
The Hondells - Little Honda
The Impalas - Sorry (I Ran All The Way Home)
The Impressions - Amen, Keep On Pushing, For Your Precious Love, It's All Right!
Ink Spots - We Three (My Echo, My Shadow And Me), Maybe, I Don't Want To Set The World On Fire, To Each His Own, I'll Get By
Dean Jackson - Love Makes The World Go Around
Wanda Jackson - Right Or Wrong

(Next Page Please . . .

. . . 600 Hits Continued)

Etta James - All I Could Do Was Cry, Tell Mama, At Last
Jan And Dean - Surf City, Little Old Lady From Pasadena, Deadman's Curve
Jay & The Americans - This Magic Moment
Jay Black, Formerly of Jay & The Americans -She Cried
Jay And The Techniques - Apples, Peaches, Pumpkin Pie
Jaynettes - Sally, Go 'Round The Roses
Kris Jensen - Torture
Marvin Johnson - I Love The Way You Love Me
Johnny & The Hurricanes - Red River Rock
Bill Justis - Raunchy
Keith - 98.6
Ben E. King - Spanish Harlem, I (Who Have Nothing), Stand By Me, Don't Play That Song (You Lied), Supernatural Thing - Part I
Claude King - Wolverton Mountain
Jack Ely, Formerly Of The Kingsmen -Louie, Louie
Kingston Trio - Tom Dooley, Where Have All The Flowers Gone, Greenback Dollar
Mac & Katie Kisscon - Chirpee Chirpee Cheep Cheep
Jean Knight - Mr. Big Stuff
Robert Knight - Everlasting Love (UK)
Buddy Knox - Hula Love, Party Doll
Billy J. Kramer - Bad To Me, Do You Want To Know A Secret
Frankie Laine - Moonlight Gambler, High Noon, Love is a Golden Ring, I Believe, Jezebel, Mule Train
Major Lance - Monkey Time,
Denise Lasalle - Trapped By A Thing Called Love
Leapy Lee - Little Arrows
Barbara Lewis - Baby, I'm Yours, Make Me Your Baby, Hello Stranger
Bobby Lewis - Tossin' & Turnin'
Gary Lewis & The Playboys - Count Me In, This Diamond Ring, Green Grass
Bob Lind - Elusive Butterfly
Little Anthony & The Imperials - Goin' Out Of My Head, Hurts So Bad
Little Caesar & The Romans - Those Oldies But Goodies (Remind Me Of You)
Little Richard - Lucille, Jenny, Jenny, Keep A Knockin', Tutti Frutti, Long Tall Sally, Good Golly Miss Molly, Ooh My Soul
Lobo - Me And You And A Dog Named Boo, I'd Love You To Want Me, Don't Expect Me To Be Your Friend
Looking Glass - Brandy (You're A Fine Girl)
Trini Lopez - La Bamba, If I Had A Hammer, This Land Is Your Land, Lemon Tree, Corazon
Jim Lowe - Green Door
Robin Luke - Susie Darlin'
Barbara Lynn - You'll Lose A Good Thing
The Marcels - Blue Moon, Heartaches
Marmalade - Reflections Of My Life
The Marketts - Batman Theme
The Mar-Keys - Last Night
Barbara Mason - Yes I'm Ready
George McCrae - I Can't Leave You Alone
Melanie - Lay Down (Candles In The Rain)
Harold Melvin & The Bluenotes - Satisfaction Guaranteed, The Love I Lost, If You Don't Know Me By Now, Bad Luck, Wake Up Everybody
Guy Mitchell - Singing The Blues, Heartaches By The Number, Knee Deep In The Blues, Rock-A-Billy
Bob Moore - Mexico
Motherlode - When I Die
Maria Muldaur - I'm A Woman, Midnight At The Oasis
The Mystics - Hushabye
Nashville Teens - Tobacco Road
Sandy Nelson - Teen Beat, Let There Be Drums
The Newbeats - Bread And Butter, Run, Baby Run (Back Into My Arms)
The New Seekers - Pinball Wizard/See Me, Feel Me, Beg, Steal Or Borrow, Look What They've Done To My Song Ma, I'd Like To Teach The World To Sing (In Perfect Harmony)
Oliver - Good Morning Starshine, Jean
Olympics - Western Movies
Original Caste - One Tin Soldier
Orioles - Baby, Please Don't Go, Crying In The Chapel
Johnny Otis - Willie & The Hand Jive
Outsiders - Time Won't Let Me
Patti Page - I Went To Your Wedding, How Much Is That Doggie In The Window, Old Cape Cod, Cross Over The Bridge, Mockin' Bird Hill, Allegheny Moon, The Tennessee Waltz
Paper Lace - Billy, Don't Be A hero, The Night Chicago Died
The Penguins - Earth Angel
People's Choice - Do It Any Way You Wanna
Peppers - Pepper Box
Ray Peterson - Tell Laura I love Her, Corinna Corinna
Platters - Only You (And You Alone), My Prayer, Smoke Gets In Your Eyes, The Great Pretender
Lloyd Price - Personality, Stagger Lee
Jeanne Pruett - Satin Sheets
Gary Puckett & The Union Gap - Over You, Lady Willpower, Young Girl, This Girl Is A Woman Now, Woman, Woman
Bill Pursell - Our Winter Love
Randy & The Rainbows - Denise
Johnnie Ray - Just Walking In The Rain, You Don't Owe Me A Thing, Hernando's Hideway
Redbone - Maggie, Crazy Mama, The Witch Queen Of New Orleans
Martha Reeves - Jimmy Mack, (Love Is Like A) Heat Wave, Dancing In The Street, Gotta See Jane (Jack)
Reflections - (Just Like) Romeo & Juliet
The Regents - Beach Baby, Hey Little Cobra, Barbara Ann
Paul Revere & Mark Lindsay - Kicks, Indian Reservation, Arizona
Bobby G. Rice - You Lay So Easy On My Mind
Jeannie C. Riley - Harper Valley P.T.A.
Rivingtons - Papa-Oom-Mow-Mow, The Bird's The Word
Austin Roberts - Rocky, Something's Wrong With Me
Jimmie Rodgers - Honeycomb, Kisses Sweeter Than Wine, Oh Oh I'm Falling In Love, Secretly
Tommy Roe - Everybody, Sheila, Sweet Pea, Dizzy, Jam Up Jelly Tight
The Routers - Let's Go
Billy Joe Royal - Down In The Boondocks
The Rubettes - Sugar Baby Love
Jimmy Ruffin - What Becomes Of The Broken Hearted?, I've Passed This Way Before
Bobby Rydell - Forget Him, Volare, Wild One
Barry Sadler - Ballad Of The Green Beret
Sailcat - Motorcycle Mama
Sam and Dave - Hold On I'm Comin', I Thank You, Soul Man
Sam The Sham & The Pharaohs - Li'L Red Riding Hood, Wooly Bully
Jodie Sands - With All My Heart
Jack Scott - Burning Bridges, My True Love, What In The World's Come Over You
Peggy Scott & Jo Jo Benson - Lover's Holiday
Serendipity Singers - Don't Let The Rain Come Down (Crooked Little Man)
Shades Of Blue - Oh How Happy
Del Shannon - Runaway, Little Town Flirt
Shangri-Las - Give Him A Great Big Kiss, I Can Never Go Home Anymore, Leader of the Pack
Dee Dee Sharp - Do The Bird, Mashed Potatoe Time
Bobby Sherman - Little Woman
The Shirelles - Baby, It's You, Foolish Little Girl, Will You Love Me Tomorrow, Mama Said, Soilder Boy, Dedicated To The One I Love
Joe Simon - Get Down, Get Down, (Get Down On The Floor), Power Of Love, Drowning In The Sea Of Love
Jumpin' Gene Simmons - Haunted House
Skyliners - Since I Don't Have You, Pennies From Heaven
Percy Sledge - When A Man Loves A Woman, Try A Little Tenderness, My Special Prayer, If Loving You Is Wrong
Joe South - Walk A Mile In My Shoes, Games People Play
Joanie Sommers - Johnny Get Angry
Bob B. Soxx & The Blue Jeans - Zip-A-Dee-Doo-Dah
Soul Survivors - Expressway To Your Heart
Spanky & Our Gang - Sunday Will Never Be The Same, Like To Get To Know You
B.W. Stevenson - My Maria, Shambala
Crispian St. Peters - You Were On My Mind, Pied Piper
Strawberry Alarm Clock - Incense And Peppermints
The Surfaris - Wipe Out
Swinging Blue Jeans - Hippy Hippy Shake
T. Bones - No Matter What Shape
Tams - What Kind Of Fool (Do You Think I Am)
The Teddy Bears - To Know Him Is To Love Him
R. Dean Taylor - Indiana Wants Me
Nino Tempo & April Stevens - Deep Purple
B.J. Thomas - I Just Can't Help Believing, I'm So Lonesome I Could Cry, Hooked On A Feeling, No Love At All, Raindrops Keep Falling On My Head, Rock 'N Roll Lullaby
Carla Thomas - B-A-B-Y
Rufus Thomas - Walking The Dog, Do The Funky Chicken
Sue Thompson - James (Hold The Ladder Steady), Norman, Paper Tiger
Johnny Tillotson - It Keeps Right On A Hurting, Poetry In Motion, Talk Back Trembling Lips
Tiny Tim - Tip Toe Through The Tulips
Chicory Tip - Son Of My Father
Tony & Joe - The Freeze
The Trashmen - Surfin' Bird
The Tremeloes - Here Comes My Baby, Silence Is Golden
Tornadoes 74 - Telstar
Sammy Turner - Lavender Blue
Turtles - You Baby, Eleanore, Happy Together
The Tymes - You Little Trustmaker, So Much In Love
Pat Upton - More Today Than Yesterday
Vanity Fare - Early In The Morning, Hitchin' A Ride
Bobby Vee - Rubber Ball, Run To Him, The Night Has A Thousand Eyes, Come Back When You Grow Up Girl
Larry Verne - Mr. Custer
Vogues - Five O'Clock World
Adam Wade - Take Good Care Of Her
Johnny Wakelin - Black Superman (Muhammed Ali)
Jerry Wallace - Primrose Lane
Jim Weatherly - The Need To Be, I'll Still Love You
Lenny Welch - Since I Fell For You
Mary Wells - My Guy, Two Lovers, The One Who Really Loves You
Danny Williams - White On White
Roger Williams - Autumn Leaves, Born Free
Al Wilson - Show And Tell, The Snake
Bobby Womack - Lookin' For A Love, Harry Hippie
Brenton Wood - Gimme Little Sign, The Oogum Boogum Song
Sheb Wooley - The Purple People Eater
Glen Yarborough - Baby, The Rain Must Fall
Timi Yuro - Hurt

Special Note: All these songs are sung by the original artists. There are no 'sound-alikes'. In fact, some of the songs sound better than when they were first recorded.

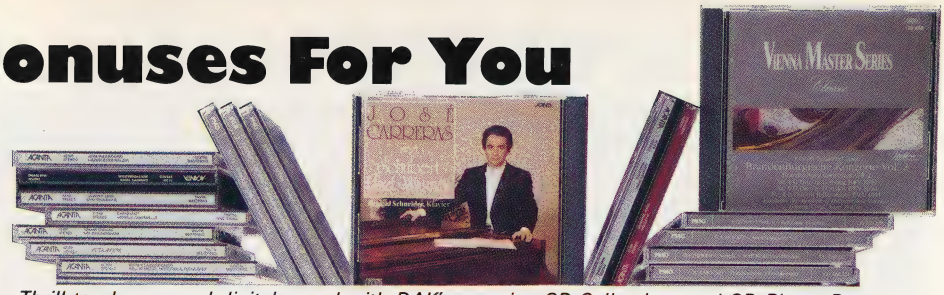
Because some of the original masters were so poor, in the '70s, some of the artists came back into the studios and re-recorded their hits in stereo with modern equipment. For example, I was present in the studio when Jimmie Rodgers re-recorded 'Honeycomb'.

So, in some cases, you'll hear the songs with better fidelity than even the original recordings. They're absolutely the finest recordings by the **original** artists I've heard.

CD Player Bonuses For You

Order any of DAK's Classical, Opera/Vocal or Rock 'n Roll CD Collections. And, you're qualified to receive one of the 4 price-slashed CD Player Bonuses I've listed below. Here's how easy it is.

By Drew Kaplan

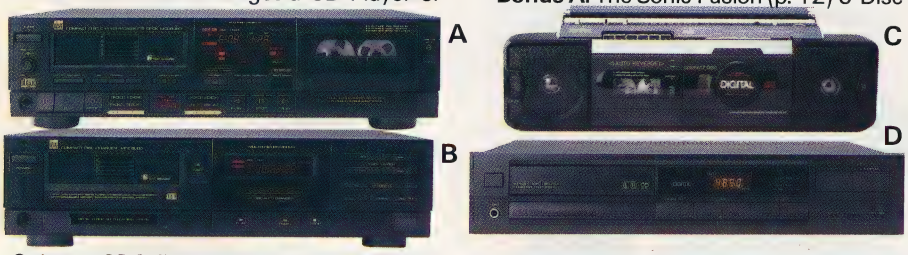


Thrill to phenomenal digital sound with DAK's amazing CD Collections and CD Player Bonuses.

I'm gambling. I'm betting that once you hear the superb sound of CDs, you're going to want more CD Collections from DAK.

So, by practically giving you one of these 4 CD Player Bonuses, you'll be tempted to order more CD Collections in the future.

We both win. You'll get a CD Player or Changer for incredibly less than you'd spend in a store. And, I get to build a 'base' of CD-loving owners I can entice with more sensational new CD Collections and accessories.



Order any CD Collection and choose from: (A) 6-Disc CD Changer with Auto-Reverse Tape Deck (B) 6-Disc CD Changer (C) Portable Music System (D) Component CD Player at a special Bonus price.

CHOOSE FROM 4 BONUSES

Order either 'Mozart's Revenge', 'Majestic Masterpieces' or 'It's My Party . . .' CD Collections. Then, choose any of the four CD Player Bonuses listed to the right.

But, there's a catch. I'm losing my shirt on this deal. So, you can order only one Bonus per Collection. And, you MUST order your Collection at the same time as your Bonus. Sorry . . . no Collection, no Bonus.

Bonus A. The Sonic Fusion (p. 12) 6-Disc Remote-Controlled CD Changer with Built-In Auto-Reverse Tape Deck not for DAK's breakthrough price of $299, but for the CD-Collection Bonus price of only **$249** ($14 P&H). Use special Bonus Order No. 5525.

Bonus B. The Sonic Fusion (p. 12) 6-Disc Remote-Controlled Automated CD Changer not for DAK's breakthrough price of only $199, but for the CD-Collection Bonus price of just **$149** ($12 P&H). Use special Bonus Order No. 5524.

Bonus C. The Digital Launcher (p. 58) Portable Music System with CD Player, Auto-Reverse Tape Deck and more not for DAK's breakthrough price of $169, but for the CD-Collection Bonus price of only **$129** ($9 P&H). Use special Order No. 5523.

Bonus D. The 3-Beam Component CD Player (see below) with Skip, Search and Program Repeat not for DAK's breakthrough price of $129, but for the CD-Collection Bonus price of only **$79⁹⁰** ($8 P&H). Use special Bonus Order No. 5526.

Sure, I'm taking a gamble. But, by tempting you with awesome CD Collections AND your choice of 4 incredible CD Player Bonuses, I bet my offer is too irresistible to pass up.

And, whichever Bonus you choose, I plan to bombard you with even more CD Collections and CD accessories in the future.

DAK INDUSTRIES INC.
Call Toll Free For Credit Card Orders Only
24 Hours A Day 7 Days A Week
1-800-325-0800
For Toll Free Information, Call 6AM-5PM Monday-Friday PST
Technical Information.....1-800-888-9818
Any Other Inquiries.....1-800-888-7808
8200 Remmet Ave., Canoga Park, CA 91304

The $79⁹⁰ CD Bonus Breakthrough

It's a breakthrough. Forget overpriced single-beam CD players. Forget cheap, bargain-basement components. And, forget settling for less-than-perfect sound forever. Now you can fill your home or office with hiss-free, dynamically stunning, explosive digital 3-beam CD thunder for as little as $79⁹⁰. Wow!

By Drew Kaplan

Sit down. Strap in. Hang on. And, get ready for an explosive audio odyssey of astounding hiss-free CD sound.

Nothing compares to the sheer dynamic range of CDs. You can hear subtle brushes on a cymbal or the cannon blasts of the 1812 Overture with equal clarity.

Unfortunately, the big audio manufacturers know a good thing when they see it. And, if you want to enjoy the pure sound and phenomenal frequency response of CDs, you have to pay dearly. Well, no more!

Enter DAK. I love CDs. And, I want everyone to enjoy their strikingly detailed 'studio-perfect' sound. So look at this.

Now you can thrill to stunning CD sound for DAK's incredible breakthrough price of just $129⁹⁰. **OR, here's something even more exciting.** Order any of DAK's CD collections and get this awesome 3-beam component CD player for only $79⁹⁰. Wow!

WHY SO CHEAP?

Because of DAK's buying power, I placed a huge order with the manufacturer. So, by agreeing not to divulge their name (they don't want the other big manufacturers to know what they're up to), they gave me an enormous price break on these CD players.

Plus, I'm gambling that once you order a CD collection and this player, and hear the awesome sound of CDs, you'll order more CD collections from me (especially after you compare DAK's CD collection prices to those of the record companies and clubs).

This 3-beam CD player is backed by the manufacturer's standard limited warranty.

CD PLAYER PRICE BREAKTHROUGH RISK FREE

Just wait till you hear the awesome digital shock wave of crystal-clear CD sound explode from your speakers.

If you're not 100% thrilled, simply return it in its original box to DAK within 30 days for a courteous refund.

To order your CD player with 3-Beam Laser System, Skip, Search, Motorized Door and even Program Repeat with your credit card, call toll free or send your check for DAK's breakthrough price of just **$129⁹⁰** ($8 P&H). Order No. 5505. CA res add tax.

Or, order any of DAK's CD collections and get this fantastic CD player for the special bonus price of just **$79⁹⁰** ($8 P&H).

Just use the order number of the CD collection. And, use the special Order No. 5526 for the CD player to get your bonus. (Limit one per collection.) Then get ready to be awed by the incredible dynamic range and pure digital thunder sound you'll hear.

Majestic Masterpieces

Be enraptured by Europe's top baritones, tenors and sopranos as they sing history's finest operas and vocal arrangements. And, thrill to world-class conductors and orchestras as they perform the world's most-treasured music. Now with this 51-CD Library, we classical music lovers can savor superb opera, vocal and instrumental performances at a price that'll transform us aficionados into collectors.

By Drew Kaplan

Bravo! Thrill to Rigoletto as he weaves a rich tapestry of love, intrigue and revenge. Be transported to the 18th century as the beautiful Parisian courtesan, Violetta, collapses after her striking aria during La Traviata's haunting finale.

And, relive over and over again the stellar performances by 14 internationally-acclaimed vocalists, like Anna Moffo, Hermann Prey and Giuseppe di Stefano.

If you treasure the epic masterpieces of history's finest operas; if you adore the refined elegance of celebrated instrumentalists; if you relish all the pageantry, the passion and the sheer artistry of Europe's finest conductors and orchestras; then hold on to your opera glasses.

Because now you can enjoy a lifetime of magnificent operas, arias and overtures that **deserve** to be preserved forever on these 51 digitally-mastered CDs.

Plus, wait till you see the price. If you're like me, one night at the opera can put a $75 dent in your wallet. But now, we can all delight to years of unforgettable performances for a price that's going to turn the music community on its ear. Read on.

VOCAL VIRTUOSITY AND MORE

It's a collection for all of us. I love the Rigoletto CD. Every time I hear it, I'm captivated by Verdi's pulsing, rhythmic genius.

Tough critics, like my mother (she's a concert pianist), absolutely rave about José Carreras' masterful interpretations of Schubert's, Liszt's and Wagner's musical masterpieces—**sung in their original languages.**

And, my uncle (one of the world's foremost clarinetists) was ecstatic over Dieter Klöcker's clarinet CDs.

In fact, my uncle adores Mr. Klöcker's work so much, he once wrote him a letter praising his smooth, seamless 'legatos' (connections between notes).

This CD Library is truly the most comprehensive vocal and instrumental music collection I've ever had the pleasure of owning.

And now, you can treasure the sheer magnitude of 45 musical masterpieces reproduced on 51 flawlessly-recorded CDs.

Plus, there's a bonus. After listening for 30 days, if you aren't ecstatic over this CD Collection, keep the disc titled '12 Cellists of the Berlin Philharmonic' (I had it specially ordered) as my FREE gift to you.

I'm a cellist. And, this CD is one of the gems of my library. I adore David Funck's Suite in D Major. And, Julius Klengel's 'Hymnus' Opus 57 is performed with stunning richness, beauty and grace.

This Bonus CD is one of this Collection's most accomplished pieces. And remember, it's yours absolutely FREE, whether you keep this tremendous library of the world's greatest music or return it after 30 days.

MASTER WORKS DIGITALLY REMASTERED

Pick any disc. You'll notice an 'ADD' code on almost every CD in this collection.

The 'A' stands for 'analog'. This means the recording engineer used the ORIGINAL analog recording (not a second-rate translation) for the digital remastering process.

The first 'D' represents digital mixing. In a professional recording studio, engineers painstakingly created a digital master from the priceless analog original.

Finally, the digitally-remixed master was transferred to the Compact Disc you'll receive. (That's what the last 'D' means.)

It's the best of both worlds. Now you can have all the original recording's warm analog ambience infused with the digital purity of Compact Disc technology.

51 GREAT PERFORMANCES FOR A SONG

There are a lot of classical-loving DAKonians. In fact, Pilz (the huge European CD manufacturer) was positively stunned by the 500,000 Classical CDs my 'Mozart's Revenge' ad put in DAKonians' hands.

So, the second they asked if I'd be interested in a superb vocal and classical CD collection, I knew I had to have it in my catalog.

But, it had to be unique. And, I wanted my mother (a music teacher and the former president of The Women's Council of Young Musicians' Foundation) to approve each disc.

After some negotiation, Pilz agreed. And, because I placed an order big enough to keep their plant running around the clock, they gave us (that's you and me) classical-music aficionados a rock-bottom price.

Now we can all thrill to the most outstanding opera, operetta, vocal and instrumental CDs ever assembled. And, **we can enjoy them for just $5[86] a disc.**

FOUR BONUSES TO CHOOSE FROM

I want everyone to enjoy this superb collection of high-quality classical performances. So, here's what I've done.

Order your 51-CD Library and you can choose from any of the 4 incredible CD Bonuses listed on page 7.

COLLECT EUROPEAN TREASURES RISK FREE

Imagine sharing the spellbinding romantic tragedy of La Traviata with your entire family. Imagine the Vienna Boys' Choir singing cherished Christmas classics.

And, imagine the passion of Wilhelm Furtwängler leading the renowned Berlin Orchestra to crescendos in your living room.

If you're not 100% enthralled by the stunning performances you'll hear, simply return them to DAK in their original box within 30 days for a courteous refund. (And remember, keep the Cello Disc as a FREE gift.)

To order your 45-Title 51-CD Library (6 Operas on 2-Disc Sets) of The Finest Operas, Vocal and Classical Compositions by World-Class European Opera Stars, Conductors and Orchestras with your credit card, call toll free or send your check for only **$299** ($16 P&H). Order No. 5506.

Now you can thrill to the same performances usually heard only in European opera houses. And, now you'll enjoy the world's greatest music for less than the price of 2 or 3 nights at the opera.

51 Ways Opera & Classical Music Lovers Can Instantly Become Collectors

Every vocalist sings the composer's work in its original language. Plus, I've translated these 45-CD Titles from their native language into English. So, you'll know the exact historical performances you'll receive.

CD 1. La Traviata - Giuseppe Verdi - Performed by Mirella Freni, Franco Bonisolli & Sesto Bruscantini (Disc 1)
CD 2. La Traviata - Giuseppe Verdi (Disc 2)
CD 3. Rigoletto - Giuseppe Verdi - Performed by Franco Bonisolli, Rolando Panerai & Margherita Rinaldi (Disc 1)
CD 4. Rigoletto - Giuseppe Verdi (Disc 2)
CD 5. World Stars Sing Operettas - Performers include José Carreras, Anna Moffo, Hermann Prey, Giuseppe di Stefano, Gwyneth Jones and 9 others
CD 6. José Carreras Sings Schubert, Liszt, Wagner - 10 songs
CD 7. Dieter Klöcker - Clarinet Concert - 9 songs
CD 8. Vienna Boys' Choir - Ceremony Of Carols - 17 songs
CD 9. Vienna Boys' Choir - Mass Motets By Early Composers
CD10. Wilhelm Furtwängler Conducting Richard Wagner
CD11. Johannes Brahms - Love-Song Waltzes - 44 Songs
CD12. La Cenerentola - Gioacchino Rossini - Performed by Bianca Maria Casoni and Ugo Benelli (Disc 1)
CD13. La Cenerentola - Gioacchino Rossini (Disc 2)
CD14. The Troubadour - Giuseppe Verdi - Performed by Franco Bonisolli and Raina Kabaivanska (Disc 1)
CD15. The Troubadour - Giuseppe Verdi (Disc 2)
CD16. Tsar and Carpenter - Albert Lortzing - Performed by Hermann Prey and Lucia Popp (Disc 1)
CD17. Tsar and Carpenter - Albert Lortzing (Disc 2)
CD18. L'Italiana In Algeri - Gioacchino Rossini - Performed by Lucia Valentini-Terrani and Ugo Benelli (Disc 1)
CD19. L'Italiana In Algeri - Gioacchino Rossini (Disc 2)
CD20. Peter Anders - The Master Singers Of Nuremberg - Includes The Magic Flute, The Seraglio and 14 others
CD21. Peter Anders - As We Shall Always Remember Him
CD22. René Kollo - Opera Gala II - 9 songs
CD23. René Kollo - Beside The Gate's A Fountain - 14 songs
CD24. René Kollo - Life Is Worth Living - 13 songs
CD25. René Kollo - You Mean The World To Me - 14 songs
CD26. René Kollo - Dark Red Roses - 14 Songs
CD27. Franz Lehár - Paganini - Performed by Anny Schlemm, Liselotte Losch and Peter Anders
CD28. Franz Lehár - The Merry Widow - Performed by Ingeborg Hallstein, Lucia Popp and Peter Alexander.
CD29. Lucia Popp - O Be Joyful In God All Ye Lands - 10 songs
CD30. Lucia Popp - Opera Concerts 10 songs
CD31. Lucia Popp - Songs By Gustav Mahler and Johannes Brahms - 21 songs.
CD32. Karlheinz Stockhausen Conducts Haydn and Mozart
CD33. Karlheinz Stockhausen - Signs Of The Zodiac & The Upper Lip Dance - Performed by Suzanne Stephens, Kathinka Pasveer and Markus Stockhausen
CD34. Johann Strauss - A Night In Venice - Performed by Jeanette Scovotti, Elisabeth Steiner and Elke Schary
CD35. Johann Strauss - The Gypsy Baron - Performed by Sena Jurinac, Ilse Hollweg and Peter Anders
CD36. Bernd Weikl - Performing Passages from Tsar and Carpenter, Tiefland, Euryanthe and 7 others

It's a classical music banquet of Europe's finest performances. In fact, I think this masterful collection is so phenomenal, here's what I've done. Order your 51-CD Library. Listen to it for 30 days. If you don't agree it's the most extraordinary music you've ever heard, send it back. But, keep the Bonus CD, '12 Cellists of the Berlin Philharmonic' (pictured center), as my FREE gift to you just for listening.

CD37. Bernd Weikl - Verdi Favorites - Includes songs from Rigoletto, Macbeth, La Traviata and 6 others
CD38. Fritz Wunderlich - A Voice, A Legend - 13 songs
CD39. Fritz Wunderlich - Salzberg Song Recital - 29 Songs by Schubert, Beethoven and Schumann
CD40. Erich Wolfgang Korngold - Songs - Includes Snowdrop, Night Wanderer, The Serenade and 12 others
CD41. Rudolf Schock performing The Freeshooter, The Dead City, The Poacher and 9 others
CD42. Wagner & Liszt Piano Concertos - Performed by Michele Campanella - 10 passages
CD43. Brigitte Fassbaender - 17 songs by composers Alban Berg, Gustav Mahler and Claus Ogermann
CD44. Franco Bonisolli - Verdi Favorites - Includes songs from Rigoletto, La Traviata, Aida, Otello and 9 more
CD45. Songs for Clarinet and Soprano by Schubert, Spohr and others - Performed by Helen Donath, Dieter Klöcker and Klaus Donath
CD46. Richard Wagner's Song Cycle & Max von Schilling's Songs Of The Bells - Performed by Tiana Lemnitz and Peter Anders
CD47. Johannes Brahms - Chamber Music for Wind Instruments - Performed by Peter Damm, Dieter Klöcker, Josef Suk & Werner Genuit
CD48. Kirsten Flagstad Sings Wagner, Beethoven & Strauss
CD49. Halleluja - Tolz Boys' Choir sing Haydn, Mozart, Bach and 7 other Great Composers
CD50. Franz Schubert - Songs For The Male Voice Choir - Performed by Doris Soffel and Werner Hollweg
CD51. Bonus: 12 Cellists of The Berlin Philharmonic

Digital Ear Escape

Slip on DAK's new designed-for-CD stereophones and escape to an audio paradise. With their 20hz to 20,000hz frequency range, you'll thrill to everything from tubas to piccolos with phenomenal accuracy.

By Drew Kaplan

It's a fact. Most headphones can't reproduce the incredible frequency range of digitally-encoded compact discs.

Why? Until recently, there was never any need for headphones to exceed the frequency response of records and cassettes.

But, now you can hear all the crisp, clean highs and deep, thunderous bass trapped on your CDs. And, wait till you hear your records and cassettes. The sound will rival your system's main speakers.

DAK'S DIGITAL BREAKTHROUGH

It's a breakthrough. And, it's a DAK exclusive. Jack, DAK's V.P. of engineering, personally designed these incredible-sounding digital stereophones.

Here's the 'inside' story. First, he built over-sized high velocity mylar diaphragms into the drivers for massive pulsating bass.

Then, he used powerful Samarium Cobalt magnets for the voice coils. So you'll hear crystal-clear highs and ultra-rich mid-range.

Set the volume to your exact liking with the individual volume controls.

Outside, he encased everything in closed earcups for the deepest bass response.

Plus, he added a gold-plated ¼" plug for the purest connection possible. And, with the extra-long 8-foot cord, you can comfortably sit back and relax in your easy chair without annoying cord 'tugs and tangles'.

Note: I've included a FREE mini-plug adapter so you can enjoy these incredible-sounding audiophile stereophones with your personal stereo or stereo TV, too.

Plus, the lightweight, adjustable headband and cushioned ear pads are very comfortable to wear. You'll never experience the 'numb ear' syndrome ever.

DAK's DIGITAL stereo headphones are engineered by Jack and backed by DAK's standard limited warranty.

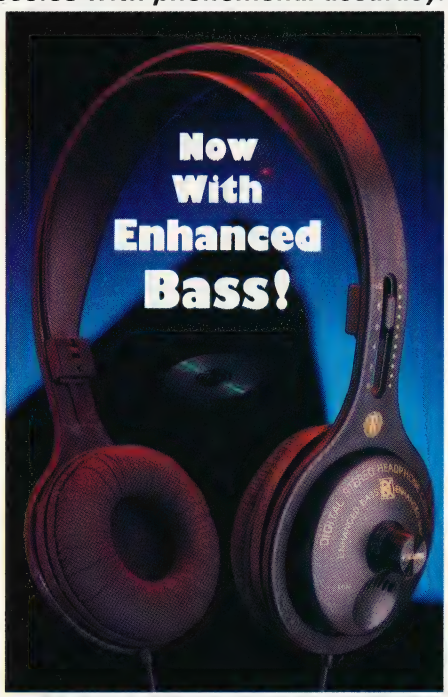
ESCAPE TO DIGITAL PARADISE RISK FREE

The 20hz to 20,000hz frequency range you'll hear from your CDs is phenomenal! Now you can hear everything from the deepest pluck of a string bass to the highest notes of a piccolo with astonishing clarity.

If you're not 100% thrilled, simply return it to DAK in its original box within 30 days for a courteous refund.

To order DAK's Designed-For-CD Stereophones with their awesome 20hz to 20,000hz Frequency Response, Oversized Drivers, Samarium Cobalt Magnets, Individual Left and Right Volume Controls, Gold-Plated ¼" Plug, 8-Foot Cord and FREE Mini-Plug Adapter risk free with your credit card, call toll free or send your check for DAK's music-to-your-ears price of only **$29.90** ($4 P&H). Order No. 5329. CA res add tax.

Now you can escape to audio paradise anytime day or night. You'll thrill to every bit of your CD's incredible frequency response.



Thrill to your favorite albums, cassettes and even stereo TV through stereophones specifically designed to capture awesome DIGITAL CD sound.

And, just wait till you hear your albums and tapes through these awesome-sounding DIGITAL stereophones.

Each of the 62 CDs in this stunning classical collection was meticulously recorded and digitally mastered in Europe, the cradle of classical music.

ASSAULT ON HIGH CD PRICES!

Mozart's Revenge

He died penniless. And today, big companies are getting rich selling his music on HIGH-PRICED CDs. But now, we can all thrill to Mozart's finest works, plus those of 17 other of the world's greatest composers, on 62 CDs at an incredible breakthrough price. Plus, wait till you see the awesome CD bonuses I've added.

By Drew Kaplan

Today, he's recognized as a genius. But, while he was alive, and for decades after his death, his work lingered in obscurity. He was even buried in a pauper's grave.

But, though he died dirt poor, his music, along with that of many of the other immortal classical composers, is reaping windfall profits for some big recording companies. And, that's a shame. Let me explain.

Fact: Jack, DAK's V.P. of Engineering, estimates the average cost of manufacturing a CD is only about $3. Yes, you read that right—$3. I'll bet you're as stunned as I was when he first told me.

Fact: Even on sale, you and I often pay at least $12 for each CD we buy. And, when the music we want isn't on sale, they can cost us as much as $18 each.

But, we're stuck. If we want the awesome fidelity of CDs, we're forced to pay dearly.

And, make no mistake, CD sound is phenomenal. Especially if it's digitally mastered as is this comprehensive 62-CD collection.

The entire orchestral range, from the highest highs of a violin to the rich, warm resonance of French horns to the deep thunder of kettle drums, is reproduced with stunning digital clarity.

I'm a cellist. And, in over 15 years on the test bench and in the studio, the only equal to CD sound I've heard is when I've been performing. It's that incredible.

Unfortunately, as we've discovered, CDs are also expensive. But now, there's a way for us music lovers to fight back and enjoy all the euphoria of classical CDs without spending our life's savings.

Plus, if you join Mozart, 17 other composers and me in our 'Assault on High CD Prices', you'll thrill to the most breathtaking classical music performances I've ever had the pleasure of attending (owning).

Note To Non-CD Player Owners: I've put together 4 special bonuses so you can join the elite group of audiophile CD owners and thrill to these performances without ending up in the poorhouse. Read on.

GEMS OF THE GREAT COMPOSERS

It's all here. All the passion, romance and sheer genius of the greatest music of all time. Of course, you'll have Beethoven Symphonies, Bach Concertos and Strauss Waltzes.

Plus, with this musicians' musician's collection, you'll also thrill to rarer selections like Schubert's 'The Trout' Quintet, Bizet's Symphony No. 1 and Skriaban's Prelude in E Minor. Frankly, it's one of the finest collections of classical music ever. Period.

It's not just decoration. If you're just looking for something that will look nice on your shelves, forget this collection.

It has the breadth and depth that performing musicians, like my mother and my uncle (more later), can truly appreciate.

Because of its sheer breadth, this collection is infinitely richer than what casual listeners require. The music on these 62 CDs is the equivalent of about 100 albums.

So, if you're a connoisseur of the classics; if you're thrilled every time you attend a live performance; then I urge you to add this magnificent collection to your library of discs.

Hours of pure, elegant, unadulterated listening pleasure await you. But, don't take my word for it. Let's see what some really hard-to-please 'critics' had to say.

TOUGH CRITICS APPLAUD

It was musical mayhem. When the first sample of this collection arrived at DAK, everyone wanted to hear these new CDs.

So, I handed them out to some of my associates. I figured Jack would love their awesome digitally-mastered sound. (They all carry the DDD mark.)

And, I knew Courtney (our resident Mozart authority—he's on the board of the Los Angeles Mozart Orchestra) would be enthralled by the spectacular interpretations of Mozart's Symphonies 21 and 40, and the Horn Concerto in E Flat Major.

But, I wasn't prepared for the company-wide response. For weeks, everywhere you turned at DAK, you heard the majestic strains of stunning classical compositions.

Our Customer Service Manager was out in the parking lot listening to Chopin's Polonaise on her car's in-dash CD player. (I love the disc of 14 Chopin waltzes.)

Kevin holed up in his office with all of the Tchaikowsky discs and locked his door. Vince and Rob were arguing the merits of the 4th movement of Schubert's Unfinished Symphony over lunch.

And, I even found Thad, whose tastes usually run to heavy-metal music, sitting at his desk listening to Brahms' Hungarian Dance No. 5 on a portable CD player.

But one night, as I passed an open doorway and heard Bach's Violin Concerto in D Minor, it dawned on me. **There was something very important going on at DAK. And, I'd like to share it with you.**

I rounded up the younger members of the staff and asked them why they all seemed to be so enthralled with this music. And, after some hesitation, they enlightened me.

It seems, unlike when I was growing up, many schools, because of budget cuts, no

(Next Page Please . . .

. . . Mozart's Revenge Continued)

longer exposed students to classical music.

My younger associates had heard the composers' names, but never heard the majestic music they had written.

And now, they were thrilled to discover the incredible sound and soul-stirring beauty of these timeless classical treasures on CD.

If you have children, they too may not be getting the exposure to classical music that we did. And, this collection may well be their ticket to an in-depth musical education.

Plus, these CDs are virtually indestructible. They won't warp like records. And, they won't stretch like tapes. You and your children will have these CDs to pass on for generations, as musical heirlooms.

ACCLAIMED EUROPEAN ARTISTRY

In Europe, classical music is really appreciated. Concerts sell out months in advance. People in the Eastern Bloc countries especially flock to hear their nationally-treasured artists perform.

And, the music on these 62 CDs is performed by some of the finest European musicians. Their talent, musical interpretations and artistry will astound you.

My mother (a concert pianist, teacher and former president of The Women's Council Of Young Musicians' Foundation) was ecstatic over the superlative performance of Scarlatti's Sonatas in D Minor and G Major.

And, she found the reproduction of the clarinet (one of the hardest instruments to reproduce accurately) in the Mozart Clarinet Concerto in A Major particularly memorable.

It meant a lot to her because her brother, one of the world's finest clarinetists, performed this concerto. And, she would often accompany him on piano at our home.

Plus, the orchestras, like the London Symphony and The Mozart Festival Orchestra, are world-renowned.

And, wait till you hear the phenomenal sound quality. Every one of these 62 CDs was digitally recorded in Europe by fanatical sound engineers. I think you'll find them infinitely superior to American recordings.

In fact, when I compared a major label's CD recording of Schubert's 'The Trout Quintet in A Major' to the one in this collection, there really was no comparison in sound quality or artistic interpretation.

All 62 CDs were digitally mastered in Stuttgart, West Germany. And, from the first overture on the first CD to the last lingering chord, you'll be captivated by the European attention-to-detail.

Just imagine a deluge of stunning digitally-mastered sound in your home. You'll thrill to weeks, months and yes, even years of inspired performances and incredible sound.

And, imagine owning this comprehensive classical CD music library for infinitely less than what some of the big record companies would like you to pay.

RECORD COMPANY AMBUSH

Forget exorbitant record store prices. Forget limited classical music collections performed by unknown artists. And, forget cheap, poorly-recorded, bargain-bin CDs.

Now you can thrill to all 62 of these flawlessly-performed, impeccably-recorded, fully-guaranteed CDs filled with top-notch European virtuosos for just $299.

That's about $4.82 a disc. Compare that to the $12 to $18 a disc ($744 to $1,116 total) you might pay at a record store.

How can DAK make such an incredible offer? Well, it was tough. Here's the story.

The European manufacturer of these CDs has one of the largest and highest-quality CD plants in the world. And, he likes to keep his plant in operation all the time, because it's much more cost-effective.

Unfortunately, the business he gets from the big record companies isn't enough to keep the plant in constant operation.

So, in off-peak hours, and because of DAK's massive buying power, the manufacturer had these discs specially recorded and manufactured so he could keep his plant running. And, we were able to get these amazing discs close to cost.

So, you get an incredibly broad library of classical music. And, while DAK won't make the windfall profit like some of the big record companies do, we'll be alright.

So, think of this as DAK's way of spreading a little musical culture. And, your way of helping Mozart, and 17 other composers, take their revenge on high-priced CDs.

TAKE YOUR REVENGE, TOO
RISK FREE

There is just so much awesome music on these CDs. You'll be enraptured by Tchaikowsky's Sleeping Beauty. You'll be spellbound by Mozart's Jupiter Symphony.

And, you'll be mesmerized by Scarlatti's Sonatas. (As a child, while my mother performed these soothing melodies I would gently fall asleep under the piano.)

If you're not 100% enchanted by the performances and astounded by the digital quality of the recording, simply return them in their original box to DAK within 30 days for a courteous refund.

To order your 62-CD Library of Great Classical Compositions by World-Renowned European Symphony Orchestras and Soloists with your credit card, call toll free or send your check for DAK's music-to-your-ears price of just **$299** ($18 P&H). Order No. 5315. CA res add tax.

Your home will be filled with the masterpieces that have inspired music lovers for centuries. And, you and your family will thrill to some of the most beautiful music ever written and performed on CD.

FOUR BONUSES
TO CHOOSE FROM

I want everyone to enjoy these superb CDs. So here's what I've done.

Order your 62-CD Classical Music Library. And, take your choice of any of the four CD Bonuses I've listed on page 7.

Bonus #1. A Remote-Controlled 6-Disc CD Changer with Built-In Auto-Reverse Tape Deck (for incomparable direct-from-CD recordings), not for DAK's price of $299, but for only **$249.**

Bonus #2. A Remote-Controlled 6-Disc Automated CD Changer (for hours of uninterrupted digital brilliance), not for DAK's price of $199, but for just **$149.**

Bonus #3. A Portable Music System you can take anywhere, complete with CD Player, Auto-Reverse Tape Deck and AM/FM Tuner, not for DAK's sound-propelling price of $169, but for just **$129.90.**

Bonus #4. I've broken the CD-Component price barrier. Now you can thrill to a Multi-Function Audiophile Component CD Player, not for DAK's sound-blasting price of $129, but for the amazingly low price of just **$79.90.**

It's CD heaven. Order your Mozart's Revenge. Then, turn to page 7 to choose your bonus. It's that simple.

62 Reasons Classical Music Lovers Will Love This Collection

CD 1. Bach - Brandenburg Concertos Nos. 1, 2 & 3
CD 2. Bach - Brandenburg Concertos Nos. 4, 5 & 6
CD 3. Bach - Italian Concerto in F Major, Partita No. 1 in B Flat Major & Toccata in D Major
CD 4. Bach - Famous Organ Works Vol. 1 includes Toccata and Fugue in D Minor, Trio Sonata No. 4 in E Minor, Prelude and Fugue in C Major and four others
CD 5. Bach - Famous Organ Works Vol. 2 includes Fantasy and Fugue in G Minor, Prelude and Fugue in A Minor, Toccata Adagio and Fugue in C Major and eight others
CD 6. Bach - Violin Concertos in D Minor, A Minor and E Major
CD 7. Beethoven - Symphony No. 2 Op. 36
CD 8. Beethoven - Symphony No. 5 and Symphony No. 8
CD 9. Beethoven - Piano Concerto No. 1 in C Major and Overture to King Stephan
CD10. Beethoven - Piano Concerto No. 3 in C Minor and Overture to Fidelio
CD11. Beethoven - Moonlight Sonata Op. 27 No. 2 in C Sharp Minor, Parthetique Op. 53 and Waldstein Sonata Op. 13
CD12. Bizet - Symphony No. 1, L'Arlesienne-Suite Nos. 1 & 2 and Symphony No. 1 in C Major
CD13. Brahms - Hungarian Dances Nos. 1-21
CD14. Bruch & Mendelssohn - Violin Concerto No. 1 in G Minor, Variations for Violincello and Orchestra and Violin Concerto in E Minor
CD15. Chopin - Impromtus Nos. 1-4, Nocturnes 27 & 37 and Fantasie in F Minor
CD16. Chopin - Polonaise, Valses, Preludes includes Polonaise Op. 26 in C Sharp Minor, Prelude Op. 28 in G Major, Nocturne Op. 9 in B Flat Minor and 13 others
CD17. Chopin - Waltzes (Complete Edition)
CD18. Chopin - Nocturnes Nos. 1-10
CD19. Dvorak - Stabat Mater
CD20. Haydn - Symphonies Nos. 6, 7 & 8
CD21. Haydn - Symphonies Nos. 22, 26 & 53
CD22. Haydn - String Quartets Op. 64 1-3
CD23. Haydn - String Quartets Op. 64 4-6
CD24. Haydn - Emperor Quartet
CD25. Liszt - Hungarian Rhapsody No. 5, Orpheus Symphonic Poem No. 4, Les Preludes and Tasso Symphonic Poem No. 2
CD26. Mendelssohn - Symphonies Nos. 4 & 5
CD27. Mozart - Piano Concertos No. 9 & 17
CD28. Mozart - Jupiter Symphony and Overtures, includes The Magic Flute and others
CD29. Mozart - Symphonies Nos. 35 & 38
CD30. Mozart - Symphonies Nos. 21, 30 & 33
CD31. Mozart - Symphonies Nos. 16, 18 & 25
CD32. Mozart - Symphonies Nos. 40 & 41
CD33. Mozart - Symphonies Nos. 22, 24 & 29
CD34. Mozart - Concerto for Flute and Orchestra in D Major and Concerto for Flute, Harp and Orchestra in C Major
CD35. Mozart - Horn Concertos Nos. 1 & 3 and Oboe Concerto in C Major
CD36. Mozart - String Quartets Vol. 1 includes String Quartet in G Major, String Quartet in D Minor, String Quartet in A Major and String Quartet in B Flat Major
CD37. Mozart - String Quartets Vol. 2 includes String Quartet in E Flat Major, String Quartet in B Flat Major, String Quartet in C Major and String Quartet in E Flat Major
CD38. Mozart - Clarinet Concerto in A Major and Bassoon Concerto in B Flat Major
CD39. Mozart - Violin Concerto No. 4 in D Major and Violin Concerto No. 3 in G Major
CD40. Ravel - Bolero and Piano Concerto G Major
CD41. Rimsky-Korssakoff - Scheherazade Op. 35
CD42. Scarlatti - Sonatas, includes Sonata in D Minor, Sonata in G Major, Sonata in F Minor and 10 others
CD43. Schubert - Death & The Maiden and String Quartet in C Minor
CD44. Schubert - The Trout Quintet in A Major and String Quartet in A Minor
CD45. Strauss - Vol. 1, includes The Blue Danube, Light Blood, Songs of Love and 6 others
CD46. Strauss - Vol. 2, includes Emperor Waltz, Tales from the Viennese Woods and 6 others
CD47. Strauss - Vol. 3, includes Thunder and Lightning, Persian March, Luxury Train and 6 others
CD48. Tchaikowsky - Nutcracker Suite and Swan Lake Suite
CD49. Tchaikowsky - Symphony No. 5 in E Minor
CD50. Tchaikowsky - Pathetique
CD51. Tchaikowsky - Romeo & Juliet, Fantasy Overture, Sleeping Beauty, Ballet Suite and Ruslan and Ludmilla,Overture
CD52. Vivaldi - The Four Seasons
CD53. Vivaldi - Famous Concertos includes Concerto in B Minor, Concerto in A Major, Sinfonia in C Major and 2 others
CD54. Vivaldi - Instrument Concertos
CD55. Treasures of Baroque - Vivaldi, Corelli, Locatelli, Albinoni
CD56. Short Pieces from Great Composers Vol. 1 Schubert, Chopin, Grieg, Liszt, Mozart, Brahms
CD57. Short Pieces Great Composers Vol. 2
CD58. Famous Overtures Vol. 1 - William Tell, Merry Wives, Tannhasser, Fledermaus
CD59. Famous Overtures Vol. 2 - Light Calvary, Titus, Hansel & Gretel and others
CD60. Symphonic Rock - Classical Highlights
CD61. Classical Highlights Vol. 1 Ballet Faust, Moldau, Slavonic Dances
CD62. Popular Concert - Poet & Peasant, Rusticana, Wedding March, Sabre Dance

DAK INDUSTRIES INC.

Call Toll Free For Credit Card Orders Only
24 Hours A Day 7 Days A Week

1-800-325-0800

For Toll Free Information, Call 6AM-5PM Monday-Friday PST
Technical Information.....1-800-888-9818
All Other Inquiries.....1-800-888-7808
8200 Remmet Ave., Canoga Park, CA 91304

Sonic Fusion

Now you can automatically play up to 32 tracks from 6 CDs in any order you like for hours of listening pleasure. Plus, you can let the Changer randomly choose tracks for surprise-a-minute CD roulette. And, wait till you create astounding direct-from-CD tapes with the built-in Auto-Reverse Cassette Deck. Wow!

By Drew Kaplan

It's stunning digital sound times 6. Now you can listen to up to 32 of your favorite songs, from any 6 CDs, with just the touch of a button. You'll thrill to hours of music from one CD, or up to six automatically.

Plus, with extra magazines, you can switch from 6 of your favorite classical CDs to 6 jazz CDs to 6 rock CDs, or mix and match different formats in a snap.

But, this awesome BSR stereo component is more than a completely automated 16-bit, 2X oversampling, 3-beam CD changer.

It's also a 3-way audiophile electronic auto-reverse cassette deck with Dolby B and C noise reduction. (Note: If you already own a cassette deck, I also have the same incredible changer without the cassette deck.) **And, it's all remote-controlled.**

Plus, with the tape deck's built-in 'hot-link' synchrodubbing, you'll easily capture all the incredible hiss-free brilliance of **CD sound on all your tapes.**

And, oh what sound you'll hear. With a 20Hz to 20,000Hz frequency response and a phenomenal 92dB dynamic range, you'll thrill to hours of uninterrupted sonic splendor.

You'll control virtually all functions of BOTH the CD changer and the 3-way auto-reverse cassette deck from anywhere in the room.

You can even create stunningly crisp, dynamically brilliant direct-from-CD cassettes right from the remote.

But, before we explore the wonders of CD sound, let's take a look at the incredible automation you'll have at your fingertips.

EXPLOSIVE CD AUTOMATION

Just wait till you see all you can do with this amazing automated 6-CD changer.

You can select and play any track from any of the six discs. So, if you want to hear track 7 on disc 3, just touch a button.

You can manually program up to 32 tracks from any or all six discs and create your own 'playlist' of favorite songs. And, you can even repeat a favorite song, an entire disc or all your programmed songs.

Plus, you can let the changer randomly shuffle and play songs from all 6 CDs.

What's shuffle? When you touch the 'shuffle' button, the changer randomly chooses discs from the magazine and then plays one track off each disc it chooses.

So, you may hear the fifth song on disc one. Then, the second song on disc six. Then, the tenth song on disc four. And, the player will keep choosing discs and songs for as long as you like.

You'll never hear songs in the same order twice. You'll be amazed at how exciting your music sounds when you don't know which song is coming next.

Best of all, you'll have complete one-touch control of Play, Repeat, Pause, Stop, Manual Search, Track Search, Shuffle, Program, Disc Selection, Call and more.

BUT, IT'S THE SOUND

You'll thrill to a 90dB signal-to-noise ratio. You won't hear even a hint of hiss. And, you can forget about music-ruining scratches and annoying surface noise forever.

Imagine listening to soaring music with a frequency response from 20Hz to 20,000Hz (±0.5dB) with an amazingly low 0.05% harmonic distortion. And, if you're into zeros, the wow and flutter is unmeasurable.

And, wait till you experience an expansive 92dB dynamic range that covers the entire sound spectrum from a whisper to a thunderclap. You'll hear the softest brush stroke on a cymbal to the full vibrant thunder of a kettle drum with equal clarity.

And, speaking of incredible sound, just wait till you capture fantastic CD sound on your cassettes with the built-in audiophile 3-way auto-reverse tape deck.

HOT-LINK TO HISS-FREE CASSETTES

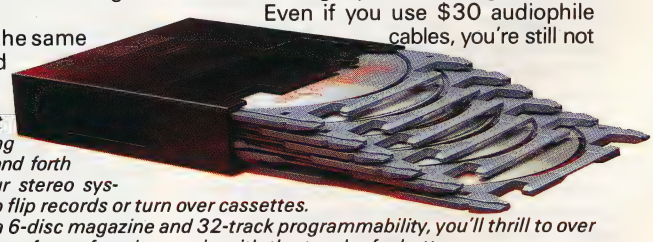
Now you can effortlessly create crisp, dynamically explosive direct-from-CD cassette recordings for your personal or car stereo with just the touch of a few buttons.

From the moment your finger touches the electronic forward and reverse 'Play' buttons, you'll hear astounding fidelity.

Here's why. This remarkable component utilizes exclusive 'hot-link' CMOS circuitry that runs directly from the CD player to the audiophile auto-reverse tape deck.

When you record from a separate CD deck to a separate tape deck, the music is channeled through sound-swallowing patch cords and dynamic range-draining switching circuits that strangle your audio signals.

Even if you use $30 audiophile cables, you're still not getting the strongest signal possible. **But, with direct recording, the signals surge uninhibited directly from your CD to your tape.**



Forget walking back and forth to your stereo system to flip records or turn over cassettes. With a 6-disc magazine and 32-track programmability, you'll thrill to over 6 hours of your favorite music with the touch of a button.

The result? All your tapes will explode with superior signal-to-noise performance. And, you'll thrill to noise-free, dynamically stunning music that will knock your socks off.

Best of all, it's all automatic. Simply touch 'synchrodub' and this automated wonder does all the work.

And, with the 32-track programmability, automatically recording customized CD tapes on BOTH sides of a cassette is a snap.

And, look at this. You'll never 'chop off' a song at the end of a cassette again. You can

have the changer pause before the end of the cassette by pressing 'auto pause' when you program the last song.

So, you can fade out the music before the end of the tape for perfect recordings.

Plus, you can record from any of your other components, too. I like to record FM stereo broadcasts. And, this extraordinary auto-reverse deck makes recording hours of uninterrupted classical music, operas and concerts from your tuner a breeze.

And, just wait till you hear how clean and crisp all your tapes will sound when you record with Dolby B or C noise reduction.

This **remote-controlled** audiophile cassette deck does it all. With the three-way auto-reverse you can listen to one side of a cassette and have the player stop. You can listen to both sides of a cassette and stop.

And, with automatic tape reverse you can even have the deck repeat continuously for an evening, a day or forever.

Plus, with electronic Forward and Reverse Music Search, you can remotely jump from track to track and listen to only the songs you want to hear and instantly bypass the ones you're not in the mood for.

REMOTE RAPTURE

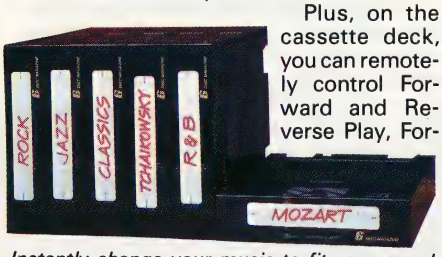
With the full-function infrared remote control, you'll effortlessly control BOTH the CD changer and the cassette deck from the comfort of your easy chair.

You can remotely select any track from any of the 6 discs. And, program up to 32 tracks right from the remote.

You'll thrill to hours of remote-controlled CD music with just a touch of a button.

You'll also have complete control over Play, Repeat, Pause, Manual Search, Track Search, Shuffle Play and more.

Plus, on the cassette deck, you can remotely control Forward and Reverse Play, Forward and Reverse Music Search, Fast-Forward, Rewind and the 3-Way Auto-Reverse, all from your easy chair.



Instantly change your music to fit your mood. Order extra disc magazines and you can create a library of your favorite pre-selected CDs and switch from 6 Rock 'n Roll CDs to 6 Jazz CDs to 6 Rhythm & Blues CDs in a flash.

You can even program and create your own customized tapes entirely by remote.

In fact, virtually every function I've ever seen on an expensive CD changer or audiophile auto-reverse cassette deck is at your fingertips with this amazing remote.

ATTENTION CASSETTE DECK OWNERS

This audiophile changer is also available without the built-in cassette deck.

It has all the stunning sound and time-saving automated CD functions of the combination deck. The only difference is it doesn't have a built-in cassette player.

But, this 16-bit, 3-beam changer does have 32-Random Track Programmability, Shuffle Play, Repeat, Pause, Manual Search, Track Search and Auto-Pause.

And, you'll control it all from the comfort of your easy chair with its full-function infrared remote control.

QUICK-CHANGE ARTIST

One of the best things about CDs is that they're so much easier to use and sound so much better than albums or cassettes.

You can sit back, relax and listen to up to 74 minutes of your favorite music from one CD. And, you don't have to get up to turn a record over or to flip a tape.

And, CDs are practically indestructible. You'll never have to worry about them scratching or warping like albums. And, they won't wear out or stretch like cassettes.

Plus, with this incredible 6-CD changer, you've got all that great sound, plus automated control times 6.

When I'm working or relaxing, there's nothing I like better than loading a magazine with some of my favorite CDs. Then, I can enjoy listening to over 6 hours of uninterrupted music—from up to 6 CDs.

And, with inexpensive extra CD magazines, you can create your own library of 'pre-programmed' CD music for easy instant musical mood changes anytime.

You can load one magazine with your favorite classical performances. (I've got one magazine that's all Mozart, one Bach, one Scarlatti, one with all my favorite operas and even a folk music magazine.)

You can put together an easy-listening magazine for those quiet romantic times. And, a 'Top-40' pop hits magazine for parties and get-togethers.

I've even got a magazine loaded with my favorite Rock 'n Roll oldies for when I feel like reliving my teenage glory days.

Once you've got your magazines loaded, changing to six new CDs is as simple as pushing a button. That's all there is to it.

And, of course, you can always change a single disk in seconds. With or without extra magazines, it's quick and it's easy.

BSR SECRET UNLEASHED

It's awesome explosive audiophile sound.

If you read my last catalog, you'll remember that because of the special low price, the brand name of these changers was a secret. So, I had to put the DAK name on them.

Well, now I'm happy to say I can tear off the wraps. Now I have permission to advertise and deliver these incredible changers with BSR's name right on them.

I still have a few of the changers without cassette decks to ship with the DAK name on them. But, now I've contracted with the factory to buy every single changer and changer/cassette combination unit being made with BSR's name on it.

Both CD changers measure 4½"H. x 17⅛"W. x 14¾"D. They're backed by a standard 1-year limited BSR warranty.

UNLEASH SONIC FUSION RISK FREE

Thrill to the powerful sonic perfection of spectacular CD sound. Play any song from any six of your favorite CDs automatically. And, record customized awesome-sounding direct-from-CD tapes for your car, personal stereo or 'boom box' with ease.

If you're not 100% astounded by its total CD and cassette automation, simply return it in its original box to DAK within 30 days for a courteous refund

To order your BSR Automated 6-CD Changer with 32-Track Programming, 3-Beam Laser System, 16-Bit, 2X Oversampling, Sophisticated Digital Filtering, Shuffle Play, Auto-Pause, Repeat, Skip, Oversize Display, Headphone Jack and 6-Disc Magazine PLUS 3-Way Auto-Reverse Cassette Deck with Music Search, Dolby B & C Noise Reduction, Synchrodubbing, and Full-Function Remote that controls BOTH the CD Changer and Cassette Deck with your credit card, call toll free or send your check for DAK's sound-barrier breaking price of just **$299** ($14 P&H) Order No. 5372. CA res add tax.

*Already own a fully-automated, remote-controlled 3-way auto-reverse cassette deck? You can still unleash phenomenal, hiss-free CD sound in your home and save money in the bargain. Just order the 16-bit, 3-beam, 2X oversampling 6-CD changer without the cassette deck. It's only **$199**.*

If you already own a cassette deck, the BSR 6-CD Changer with everything listed above EXCEPT the built-in auto-reverse cassette deck is just **$199** ($12 P&H). Order No. 5330.

Extra magazines for either unit so you can load 6 new CDs in a flash are only **$19.90** each ($2 P&H). Order No. 5418.

Wait till you hear the phenomenal CD sound explode from your speakers for the first time. Wait till you sit back, relax and enjoy over 6 uninterrupted hours of your favorite music from 6 CDs.

And, wait till you experience the pure audio ecstasy of hiss-free, dynamically stunning, direct-from-CD cassettes. It's great.

DAK INDUSTRIES INC.

Call Toll Free For Credit Card Orders Only
24 Hours A Day 7 Days A Week
1-800-325-0800

For Toll Free Information, Call 6AM-5PM Monday-Friday PST
Technical Information.....1-800-888-9818
Any Other Inquiries.....1-800-888-7808
8200 Remmet Ave., Canoga Park, CA 91304

Return of the X-10 Brigade

Take control of ALL your lights and appliances from your easy chair, bed, patio or even as you pull up to your home in your car. Plus, your X-10 system can automatically turn on (and off) your porch lights, sprinklers and stereo system. And, wait till you see how X-10's new security system keeps burglars at bay BEFORE they get into your home with its industrial 16-zone 'perimeter' protection.

By Drew Kaplan

You're away for the weekend. And, a prowler comes skulking around your home.

Suddenly, an alarm explodes into action. Lights flash on and off. Neighbors are alerted. And, the stunned intruder clears out fast.

But, home protection is just one of many incredible things X-10 can do.

Imagine turning on your house lights from your car as you pull into your driveway. Imagine dimming the brightness of your dining room chandelier to celebrate a special romantic occasion with your spouse.

Imagine setting your heater or air-conditioner to make your house comfy just before you arrive home from work. Plus, imagine having a piping hot meal waiting for you when you walk in the front door.

But, before we explore X-10's latest home automation breakthroughs, let's discover how X-10 literally wrote the book on household convenience and security.

X-10 AUTOMATION EXPLAINED

Control your hallway light, porch light or ALL your lights from your bedside. Turn on your stereo system, space heater and coffee maker from anywhere in your home.

Program your sprinkler system, pool filter and fish tank light to go on and off automatically, even when you're not home.

And, wait till you dim your patio lights or turn on your security floods (without getting up from your picnic table).

Now you can thrill to the latest advance in home automation **WITHOUT** the expense of rewiring your home or going through the red-tape of getting a local building permit.

X-10's home automation system uses your existing home wiring. And, it takes just a few minutes to completely automate your entire house. If you can plug-in a lamp, you have all the 'expertise' you'll need.

Here's how it works: The X-10 system consists of **Control Modules** (they turn on and off your controlled lamps and appliances and **Command Centers** (they send your commands to your control modules).

If you want to turn on a light, just touch the button on your remote command center that you've assigned to that light.

The command center instantly sends an encoded signal through your home's regular wiring directly to your lamp's control module. And, your light pops on like magic.

Just set the module's dial to the corresponding button on your command center. Or, set several modules to one command center button and turn on and off (or dim) all the lights in a room at once.

Lamp and appliance modules plug into any standard AC wall outlet. Then simply plug your lamps and appliances into the module. It's easy and it takes just seconds.

With the **lamp module** you can control up to 300 watts (operate up to three 100-watt bulbs or five 60-watt bulbs), plus remotely dim your lights from 0% to 100%.

With the **appliance module** you can operate appliances rated as high as 15 amps, lights (including fluorescent) up to 500 watts or devices with up to ⅓ HP electric motors!

"I was told I snored. So I set the X-10 timer to make my tape recorder come on during the night. Guess what? No snoring. Thanks for helping me know the truth!"
E.G. Concord, CA

"HIGH TECH BUN WARMER: I have a rabbit that lives in a covered window well in the basement. The clear cover allows plenty of sun and warmth during the day, but at night the 'BUN' needs heat. My X10 Timer automatically turns a heat lamp on and off".
R.M. Louisville, CO

Wake up to fresh coffee brewed automatically.

"The X-10 makes teaching my parrot so much easier. I have the timer set to play my pre-recorded whistles and words for 30-minutes, twice a day when I'm not home. Yes, it works!"
C.W. Rochester, NY

With the **wall switch module** (it mounts just like any standard wall switch) you'll have automated control (including dimming) of lights and chandeliers up to 500-watts.

One DAKonian wrote in about how she put a bookcase in front of a light switch. Now she uses her wall switch module to operate her dining room light remotely.

Important Note #1: You can remotely control lights individually or you can set them to operate in groups (great for Christmas decorations). Plus, if you live in a castle or palace you can use the X-10 system to automate as many as 256 different devices.

Important Note #2: You can still manually control your lamps and appliances. X-10 modules actually sense when you operate any controlled device's switch and immediately turn manual control over to you.

But, if you're like me, once you start using X-10's incredible system I doubt you'll ever use a manual on/off switch again.

AUTOMATED FREEDOM

Dim your bedroom light for that romantic candlelit glow. Or, remotely turn on and dim your hallway light for a safe, late-night foray to the refrigerator to make yourself a snack.

Just touch a button to control swag lamps, ceiling lights, track lights and much more.

No light in or around your home will escape your awesome automated power. **You can control your pool light, porch lights, yard lights and even your lights in unattached garages, barns and sheds.**

But, lights are just part of the story. Now you can touch a button to turn on your TV or stereo system while you're lying on the couch. Now you can automatically fire up a romantic glow in your electric fireplace.

And, now you can remotely warm up some leftovers or start a meal in your crock pot.

Plus, you can turn on your electric blanket from downstairs a few minutes before you turn in so your bed will be warm and cozy.

Dear DAKonians,

A few months back when I ran the 'Great X-10 Tournament' asking how DAKonians used their X-10, I was flooded with thousands of really great (and unique) X-10 uses. I've printed a few of my favorites here and I'll print more in the future.

X-10 really does bring the 'promise' of home automation to life today!

Sincerely,
Dale

Christmas light heaven. Now you'll never have to fight through stacks of presents and scratchy needles to turn on your tree lights.

And, now you won't need to run in circles all over the house to turn your holiday decorations on and off. With the X-10 system you can turn everything on and off all together by simply touching one button. Wow, what a timesaver!

Dozens of cold weather DAKonians wrote in about how thrilled they were to simply touch a button and remotely turn on their engine block heaters from the warm comfort inside their homes.

It sure beats wasting energy by leaving your warmer on all night or braving freezing temperatures to turn it on early in the morning.

With the **Home Controller Command Center,** you can operate as many as 16 controlled devices with a touch of a button.

Plus, you can dim lights. And, if you hear a suspicious sound at night simply touch 'ALL LIGHTS ON' and every controlled light in your home will explode into action. Or, touch 'ALL UNITS OFF' to double check that all your lights and appliances are turned off.

Note: There's no limit to the number of Command Centers you can use. In fact, you can put one in every room if you'd like.

WIRELESS FREEDOM

It's another late-night at the office. You're leaving the darkened building to walk to your car. The parking lot is pitch black.

No more. With X-10's **Hand-Held Wireless Command System** you can lock-up and then turn off your office lights remotely from the safety of your car.

And, just touch a button as you pull into your driveway and your house or security lights will automatically come blazing on to greet and protect you or your spouse.

Many DAKonians who have vacation homes and cabins wrote about how they use their wireless remote to turn on the lights as they pull up in their cars.

Plus, imagine walking freely in or around your home remotely zapping lights and appliances on and off as you please.

Enter a room, touch a button and turn on the light. Touch another button to turn off your space heater. And, touch another button to turn off your TV set downstairs.

"In my sweet corn patch, I use an X-10 module to turn on a light and radio (tuned to a local rock station) to keep the raccoons away."
D.K. Omaha, NE

With the hand-held wireless remote you can control up to 8 different lights or appliances. Plus, add a second wireless command system (which comes complete with another remote) and you can control 16 different modules from each handset!

The X-10's wireless command system's handset transmits via RF radio waves to its plug-in receiver. (Don't worry, X-10 signals won't disturb your TV or FM reception.)

The receiver translates the signal from the button you've pushed into control codes for **ALL** the X-10 modules in your home.

Garage door security. If you have an electric garage door opener, you've probably seen it occasionally open all by itself.

Well, simply plug your opener into an X-10 appliance module. Now you can remotely turn off the power from inside your car. And, now your garage door will never be opened by an outside signal again.

Special Note: If you know anyone who's bed-ridden, confined to a wheelchair or has a rough time getting around, X-10's wireless remote system is a great aid.

Now they can easily turn on reading lights, the TV or the stereo from bed without effort. And, if they need help, they can flash a signal lamp or sound a buzzer to alert you.

PROGRAMMABLE FREEDOM, TOO

With X-10's **Digital Clock/Timer Command Center** your lights and appliances will go to work for you even if you're not home.

Now you can program your coffee maker to automatically brew fresh coffee for you every morning. Now you can set your humidifier, vaporizer or ionizer to come on all by themselves. And, now your porch lights will automatically pop on at dusk.

I use an X-10 Timer to have my stereo system automatically tape my favorite radio shows when I'm too busy to listen.

One ingenious DAKonian uses his X-10 Timer to automatically feed his fish. Another uses his to make his fish tank lights automatically simulate dawn, day and dusk.

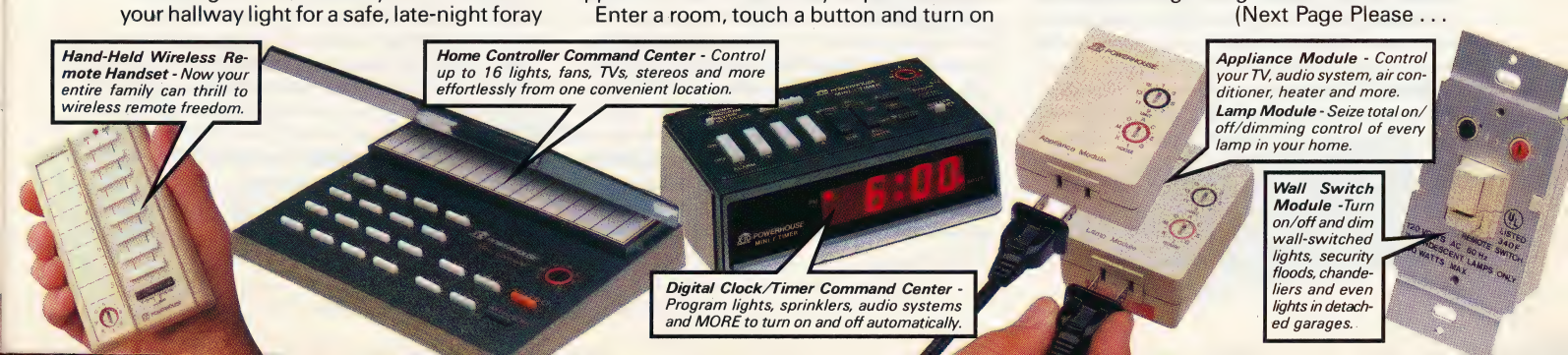
You can program up to 4 different devices to automatically turn on and off twice a day. And, you can remotely operate as many as 8 controlled lamps and appliances.

Plus, you can dim lights, instantly turn on all controlled lights or turn off all controlled devices in your home at once.

Vacation insurance: Now when you travel, potential intruders will think there's a family of ten whooping it up in your home. The X-10 Timer can automatically activate and deactivate lights, TVs and stereos, to make your home look **'lived-in'**.

Plus, with its security function the timer will randomly vary the time your programmed devices come on by up to 30 minutes. Your kitchen light might come on at 8:03

(Next Page Please . . .



Hand-Held Wireless Remote Handset *- Now your entire family can thrill to wireless remote freedom.*

Home Controller Command Center *- Control up to 16 lights, fans, TVs, stereos and more effortlessly from one convenient location.*

Digital Clock/Timer Command Center *- Program lights, sprinklers, audio systems and MORE to turn on and off automatically.*

Appliance Module *- Control your TV, audio system, air conditioner, heater and more.*
Lamp Module *- Seize total on/off/dimming control of every lamp in your home.*

Wall Switch Module *- Turn on/off and dim wall-switched lights, security floods, chandeliers and even lights in detached garages.*

. . . X-10 Continued)

PM the first night, 8:26 PM the next night and 7:41 PM the next night.

Security Note: Most people set timers to come on at a certain hour, like 7 PM.

Well, burglars aren't dumb. After a few nights of 'casing' your home they can easily figure out if you're using a timer.

So even if you're not using the burglar-baffling X-10 system, don't set your lights to come on at even or half hours. Set them for times like 7:17 or 8:39. It's safer.

Special Note to sound sleepers: An X-10 Timer is the world's greatest alarm clock.

Set it to wake you with great-sounding CDs from your stereo system plus turn on the lights. You'll never oversleep again.

BURGLAR BASHER

Banks use them. So do museums. They're called 'perimeter' security systems and **they stop burglars BEFORE they can get in.** But, they cost thousands of dollars to have 'hard-wired' into a building.

Well, now you can safeguard your family and valuables with the same type of crook-crunching industrial perimeter security system that banks and museums use.

And now, you can thrill to the security of perimeter protection **without** the installation expense and **without** having dozens of wires running all over your home.

Like multi-thousand dollar industrial hard-wired perimeter systems, X-10's WIRELESS perimeter system uses magnetic contacts to protect doors and windows.

If a burglar breaks the magnetic field by opening a protected door or window, the X-10's control center leaps into action with a loud 85dB alarm that instantly alerts your family, neighbors and police.

And, look at this. When the alarm sounds, all the lights you've designated will continuously **FLASH ON AND OFF!**

A burglar might ignore a siren, but not too many burglars will hang around when all the lights in your home pulsate on and off with attention-getting fury.

Now neighbors, passers-by and police will be alerted both audibly and visually.

There's more. On the base of the control center is a row of 8 lights. Professional burglar alarm experts call this a 'flare' panel.

Each light represents a protected zone (door or window). And, you can arm as many as 16 different zones (2 zones per light).

But, here's what's really important. Let's say you're in bed at night and the alarm goes off. The flare panel lights will tell you precisely where the intruder tried to enter.

Now you'll know exactly where to go with your baseball bat. Or better yet, where to stay away from until the police arrive.

This incredible system actually checks itself. Each Door/Window Sensor periodically reports in to the command base to let it know everything's O.K. Plus, it even reminds you if you've left a door or window open.

And, with its remote you can turn the system on and off from outside, control assigned lights, delay the alarm or instantly sound the panic alarm and flash the lights. Give one to each member of your family so they can all have wireless protection.

Note: This security system's control center also acts as an X-10 wireless command system receiver. So you can use a wireless remote handset (from the wireless command system) for easy touch-button convenience anywhere in your home.

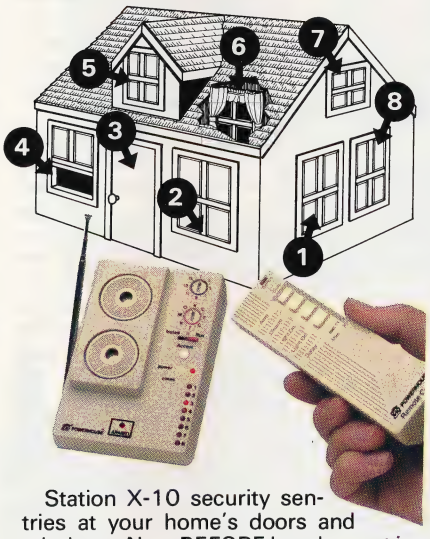
"I put a red light above the washing machine and I use the X-10 to signal when I get into the shower. That way my wife won't do the wash (which turns the shower water very cold)."
D.B. Spokane, WA

X-10's **Wireless 16-Zone Perimeter Security System** includes a plug-in control center, a remote control, one door/window sensor/transmitter and a lamp module.

And, you can expand your system by installing up to 16 door/window sensor/transmitters, 8 on/off remote controls, and any number of lamp modules you desire.

Important Note: Very few comparable systems costing less than $2,500 use flare panels and/or monitor their sensors.

ATTENTION CURRENT X-10 OWNERS



Station X-10 security sentries at your home's doors and windows. Now BEFORE burglars get in, they'll be greeted by a police-alerting 85dB alarm AND an army of your own lights flashing on and off visually alerting the whole neighborhood.

Plus, glance at X-10's Security Control Center's flare panel and you'll know exactly where the ill-fated intrusion was attempted. Be sure to read all about X-10's awesome new burglar-bashing 16-zone 'perimeter' system in this article.

So compared to the multi-thousand dollar price of a hard-wired perimeter system, X-10's industrial-quality $79.90 automated security system is really a steal. And, it's backed by X-10's standard limited warranty.

CONVENIENCE AND SECURITY RISK FREE

Gain automated control of your lights and appliances with a simple touch of a button. Remotely dim the lights to set the mood for a romantic evening with your spouse.

Now you can automate grow lamps, hot tubs, water pumps, bug zappers, popcorn machines and even your wife's hair curlers. Plus, you'll thwart would-be burglars with industrial 16-ZONE 'perimeter' security.

If you aren't 100% thrilled with the total home automation and vault-like security for your valuables and loved ones, simply return any component to DAK in its original box within 30 days for a courteous refund.

To order **Any Combination** of X-10 Command Centers, Control Modules, Door/Window Sensors and Wireless Remotes risk free with your credit card, call toll free or send your check as shown at right.

All X-10 Products Are 100% Compatible.

1) Home Controller Command Center - Control up to 16 different modules from one convenient location. Just **$19.90** each ($4 P&H). Order No. 4622. CA res add tax.

2) Digital Clock/Timer/Command Center - Control up to 8 modules, program up to 4 modules to automatically turn on and off. Plus, thrill to automated security. Just **$19.90** each ($4 P&H). Order No. 4973.

3) Hand-Held Wireless Remote Command System - Control 8 different modules from anywhere on or around your home or office. (Note: If you order two remote command systems, you'll have 2 remote control transmitters and EACH will be able to control up to **16 different modules.**) Just **$39.90** ($4 P&H) per receiver/transmitter set. Order No. 4712.

4) Extra Hand-Held Wireless Remote Handset (for the above) - pick up a few more remotes for your spouse, other family members and your car for just **$19.90** each ($2 P&H). Order No. 5527.

5) Lamp Module - Control/Dim lamps up to 300 watts. Just **$9.90** each ($2 P&H) Order No. 9779.

6) Wall Switch Module - Control/Dim lights now operated by wall switches. 500 watt capacity. Just replace your wall switch with this automated module. Just **$11.90** each ($2 P&H). Order No. 9780.

7) Appliance Module - Control TVs, stereos or anything with a motor. Up to 15 amps, 500 watts or ⅓ HP rating. Just **$9.90** each ($2 P&H). Order No. 9781

8) Wireless 16-Zone 'Perimeter' Home Security System - Get industrial protection for doors and windows in your home. It alerts you with an 85dB alarm and flashes controlled lights on and off. Plus, it shows where the intrusion occurred on its 'flare panel'. Also acts as a receiver for the wireless remote handset above. Includes Plug-In Command Center, One Door/Window Sensor/Transmitter, One Alarm System Remote (with Arm/Disarm/Lights On/Lights Off and it can delay the alarm for 30 seconds if you desire) and one standard Lamp Module. Just **$79.90** ($6 P&H). Order No. 5510.

9) Door/Window Sensor - Order sensors for your doors and windows to expand your protected area to as many 16 zones (one sensor per zone). Each Sensor consists of a sensor/transmitter and one set of magnetic contacts. Note: You can add as many magnetic contacts to a sensor as you desire. If you want to protect 2 windows in one room, use one sensor/transmitter and 2 sets of magnetic contacts. Door/Window Sensors with Magnetic Contacts are **$14.90** each ($2 P&H). Order No. 5511.

10) Extra sets of magnetic contacts are just **$6.90** each ($1 P&H). Order No. 5528.

11) Extra Hand-Held Alarm System Remote Control - Order remotes for your spouse, family and car to arm and disarm the burglar alarm from outside your home. (Arm/Disarm/Lights On/Lights Off/Delay.) Just **$14.90** each ($2 P&H). Order No. 5512.

Now whether you're lying in bed, just pulling up in your family car or simply relaxing in your easy chair you can remotely control every light and appliance in your home.

And, with the programmable timer, your lights and appliances can automatically surge to life whether you're at home or away.

Plus, now you can protect your home and family from intruders with wireless 16-zone 'perimeter' industrial security.

It's quick. It's effortless. It's fun. And best of all, it puts you in total control.

Forget passports, hotel rooms and jet lag. Now you can take a journey around the world any time of the day or night with just the touch of a button.

Voices of the Global Village

Hear what the Soviets are saying about nuclear disarmament direct from Moscow. Listen as communism crumbles to Solidarity live from Warsaw. And, cheer a soccer match broadcast from Rio. Now, you'll thrill to GLOBAL news, music and sports (and international espionage) in English and native languages.

By Drew Kaplan

It's absolutely fascinating. Imagine hearing instant reports from Columbia about the explosive running battles between the drug cartel and the government.

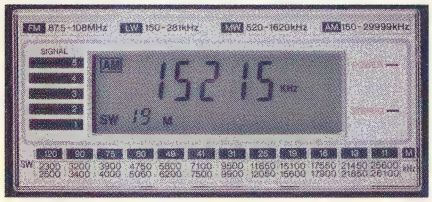
Imagine listening to the U.S. or Soviet Space Shuttle crews as they communicate with their ground control stations.

And, imagine getting the jump on business news in English from the other side of the world hours before Wall Street.

AIRWAVE ADVENTURES

This new 15-band Digital PLL Tuning Shortwave Radio is your passport to countries, cultures and people all over the globe.

Tune in the BBC (17815) and get non-biased reports from their world-renowned network of foreign correspondents.



You'll instantly tune in Asia, Europe, Australia, even South America and Africa with the precision of (PLL) Phase Lock Loop digital tuning.

Punch in Munich (11810) on the direct-frequency keypad and enjoy a Wagnerian Opera live from Germany. And, key in Japan (17810) and hear their version of the international trade disputes, in English.

Plus, if your kids are anything like mine, they'll find traveling the world by shortwave radio entertaining AND educational.

Now they can hear foreign languages spoken with all the correct accents, inflections and dialects. It's great if they're studying a foreign language in school.

But, don't worry. There are hundreds of shortwave broadcasts in English, too.

HOW SHORTWAVE WORKS

Shortwave frequencies (from 2300KHz to 26100KHz) have the unique ability to be bounced off the 'F' layer of the atmosphere.

So, shortwave broadcasts are literally bounced, like a rubber ball, around the world until you 'catch' them.

And, oh the catches you'll make with this 15-Band PLL Digital Tuner.

Tune in to Bangkok (11905) and hear what music tops the charts in Thailand. And, listen in on Radio RSA (11900) and hear the latest from South Africa.

CAN YOU CRACK THE CODE?

While scanning through the shortwave bands I've come across some strange broadcasts. Sometimes they're in Spanish, other times they're in English. I was really curious about them.

Then, in the August 25, 1989 Los Angeles Reader, I stumbled upon an article that explained what they might be.

It seems that foreign spies, CIA operatives and even drug smugglers often use shortwave bands to send what are commonly called 'number stations.'

They send secret cryptographic messages back and forth. And, because of atmospheric reflection it's impossible to tell exactly where the signal originates.

No government agency (U.S. or foreign) acknowledges using the bands to transmit 'intelligence.' Nevertheless, they do exist. If you can crack the code on any of these stations you may want to contact the State Department and lend them a hand.

The included Shortwave Handbook lists exact frequencies and broadcast times for hundreds of shortwave stations.

Plus, the LCD digital display with (PLL) Phase Lock Loop quartz-synthesized tuning makes locking in stations a snap. Just look up the station you want in the Handbook and punch in its number on the keypad.

And, look at this. You can program up to 9 stations into memory. Then touch a button and leap instantly to your favorite foreign broadcasts. Plus, you can 'Scan' and automatically jump from country-to-country.

There's even a built-in clock and timer. Set the timer, plug a tape recorder into the output jack and you can record broadcasts even if you're asleep or away from home.

And, you can lock on to AM/FM stereo broadcasts with rock-solid reception. The sound is terrific. There are separate volume, bass, treble and balance controls.

Slip on the included stereo headphones and you can thrill to music, news and sports (and shortwave) in complete privacy.

Plus, you can listen in the park, your yard and even your car. This receiver is portable. It uses 6 'D' batteries (not included) or you can use the included AC adapter when you tune in the world at home.

It measures a sleek 6"H. x 11"W. x 2"D. It's engineered by Sangean and backed by their standard limited warranty.

VOICES OF THE GLOBAL VILLAGE RISK FREE

Now you and your family can get the 'local' news direct from the country where the event occurred. Now you'll have a global perspective on world affairs.

If you're not 100% thrilled, simply return it in its original box within 30 days to DAK for a courteous refund.

To order Sangean's 15-Band Shortwave Radio with Full 150-29999.9KHz Frequency Range, Direct-Entry Keypad, 9 Memory Presets, Digital AM/FM PLL Stereo Tuning, Volume, Balance, Bass and Treble Controls, Illuminated LCD Display, Tape and External Antenna Jacks, Stereo Headphones, AC Adapter, Carrying Strap, Worldwide Shortwave Directory and more risk free with your credit card, call toll free or send your check for just **$199** ($8 P&H). Order No. 5354. CA res add tax.

Imagine cheering with the crowd as you listen to the running of the bulls from Pamplona, Spain (15215). And, imagine getting the latest news from Latin America on Radio Nicaragua (6100). Now you'll have the world's information at your fingertips.

FROM

Name: _____

Address: _____

City: _____ State: _____ Zip: _____

NO POSTAGE NECESSARY IF MAILED IN THE UNITED STATES

BUSINESS REPLY MAIL

FIRST CLASS PERMIT NO. 380 CANOGA PARK, CA

POSTAGE WILL BE PAID BY ADDRESSEE

DAK INDUSTRIES, INC.
8200 REMMET AVE.
P.O. BOX 7120
CANOGA PARK CA 91304–9955

FOR A FRIEND

Shall we send a copy of this unusual catalog to one of your friends? Just fill in their name below.

Name _____

Address _____

City _____ State _____ Zip _____

****** DETACH BEFORE MAILING ******

Now you can detect power in cords or electrical cables and studs in walls. Just follow the flashing light.

Is there power? Is it metal? Where is the cable? Where is the stud? Now you can instantly see if there's power in a cord or where the cable is in your wall. Just look for the blinking green light.

If you're looking for a stud so you can put a nail in the wall for a picture, look for the steady red light.

SMART HELPER

It's incredibly easy to use. Just turn it on and hold it near any suspected electrical wire. If the green light flashes, it's live. And, its sensitivity is adjustable.

It's really useful for determining whether plugs are live, fuses are blown and where wires are in walls.

The metal detector is more traditional. It senses nails in walls just like any other **good** detector.

If you put up shelves as I do, or if you hang pictures like my wife does, this is one handy tool to own. It operates on one 9V battery (not included) and it's backed by a standard limited warranty.

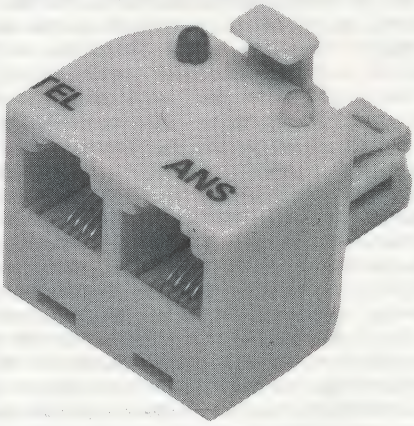
FIND AND TEST IT ALL RISK FREE

Is the fuse in your amplifier out? Or, is the plug dead? Is there a short? And, where is the best place to hang your wife's picture? If you're not 100% satisfied, simply return it to DAK within 30 days for a refund.

To order your Voltage/Metal Detector with Separate Sensitivity Controls, and Master Sensitivity Control risk free with your credit card, call toll free or send your check for just **$19⁹⁰** ($2 P&H). Order No. 5232.

Phone Slasher

If you have an answering machine, a fax or a modem, now you can regain control of your phone line.



Stop phone interruptions dead. OK, the phone rings. Your answering machine picks up the line. But, you want to talk. Well, with your answering machine plugged into the new Phone Slasher, you can simply pick up any extension and your answering machine will be cut off cold.

You'll never have to run back to the machine. You'll never have to listen to the message. Just pick up an extension. The line is yours.

If you have a modem or fax on your line, how often does someone pick up an extension and zap your communications? Well, no more! Just plug each of your extensions into a Phone Slasher and whenever your fax or modem is on line, every other extension is automatically dead. Period.

Just plug it in. It's powered by the phone line. Note: there are two jacks. One lets you knock out every phone in the house and the other lets any phone knock you off. It's backed by a limited warranty.

TRY A PHONE SLASHER RISK FREE

Use one for answering machines or several with faxes and modems. If you're not thrilled, return it in its original box within 30 days to DAK for a refund.

To order your Phone Slasher(s) risk free with your credit card, call toll free or send your check for just **$9⁹⁰** ($2 P&H). Order No. 5135.

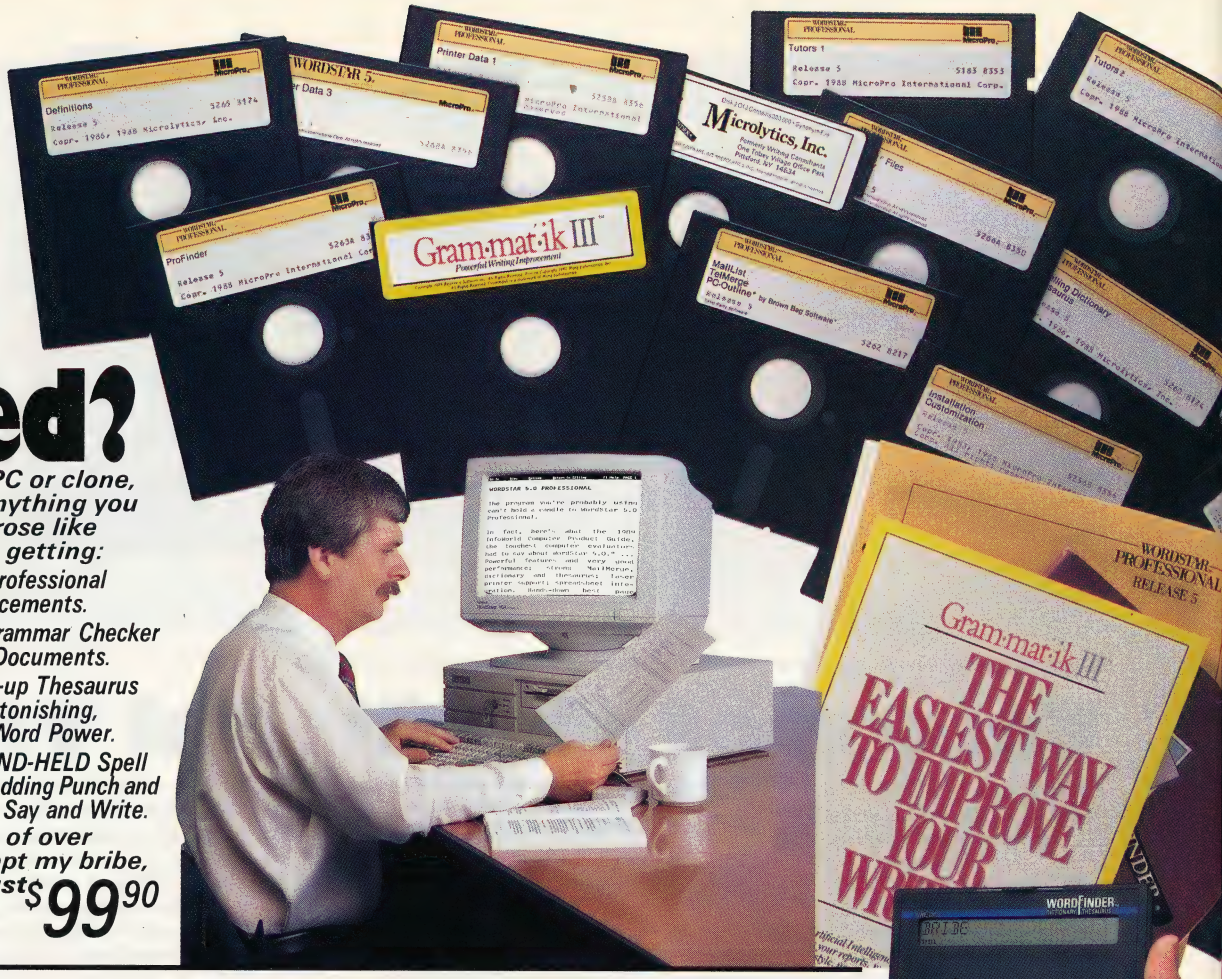
Can You Be Bribed?

If you've got an IBM PC or clone, now you can infuse anything you write with powerful prose like never before. Imagine getting:

- ✔ ***$495 WordStar 5.0 Professional With Over 300 New Enhancements.***
- ✔ ***$99 Grammatik III Grammar Checker for Grammatically Perfect Documents.***
- ✔ ***$59 Word Finder Pop-up Thesaurus Software for Incredible (Astonishing, Exceptional, Remarkable) Word Power.***
- ✔ ***$99 SelecTronics HAND-HELD Spell Checker and Thesaurus for Adding Punch and Panache to Everything You Say and Write.***

It's a total retail value of over $750. But, if you accept my bribe, they're all yours for just $99.90

READ ON!



By Drew Kaplan

Yes, it's a bribe. I want to add your name to my computer users' mailing list.

And to get your name, I'm offering you one helluva bribe. You'll get over $750 of the finest software AND hardware ever assembled to create powerful written (and spoken) words in one package. And I'll get your name to mail my computer catalogs to.

You'll own one of the world's finest word-processing programs. **WordStar 5.0 Professional** with its powerful On-Screen Preview, Dictionary with Definitions and more as just part of your **$99.90** bribe.

Grammatik III is also part of your $99.90 bribe. It catches wrong tenses, the wrong 'it's' and 'their', passive voice and even ranks your writing by grade level.

And, look at this. My **$99.90** bribe also includes the **Word Finder Pop-Up Thesaurus Software.** You'll have 220,000 synonyms to infuse power into everything you write.

And finally, you get **SelecTronics' Hand-Held Word Finder** with a 220,000-word thesaurus **and** a 100,000-word phonetic spell checker as part of your **$99.90** bribe.

WHY ALL THIS FOR ONLY $99.90?

In the mail-order business, finding computer owners to mail catalogs to is expensive. It can cost over $20 per name. Plus, WordStar wants to build-up their customer-base. So they can become the dominant word-processor in the computer business.

DAK already has over 2,600,000 customers (we call ourselves DAKonians), and I hope my bribe will sniff out the 50% of DAKonians who use IBMs or clones. Plus, I'll add a whole group of **new** DAKonians.

And, if you plan to take this bribe and run, let me warn you. **1.** I'll chase you with future catalogs. **And 2.** I'm going to keep tempting you with offers like this. But, now let's explore the quality of these 'bribes'.

WORDSTAR 5.0 PROFESSIONAL

Hats off to WordStar. They were the first and the best. In fact, over 2 million people own WordStar. Unfortunately, over the years, other companies developed improved word processing programs.

But now, WordStar is back. And, if you accept my bribe, you'll leap to the head of the pack. At $495 it's a great program. And, **as part of your $99.90 bribe**, it's a steal.

Why so cheap? In May, WordStar introduced their latest 5.5 version. But, when they introduced 5.0 Professional last year, they added over 300 new enhancements.

The 5.5 version has 3 **major** differences. It has Integrated Text and Graphics, Star-Transfer and a new Style Sheet Template.

But, if you're not currently using WordPerfect 5.0 or MicroSoft Word, the program you're using now can't hold a candle to WordStar 5.0 Professional. And, switching from your current word-processor is a breeze. WordStar's pull-down menus will have you up and running in less than a day.

In fact, here's what the **1989** InfoWorld Computer Product Guide said about WordStar 5.0. "... Powerful features and very good performance; strong mail-merge, dictionary and thesaurus; laser printer support; spreadsheet integration. Hands-down best page preview in the business ..."

Complex Commands Obliterated. Effortlessly unleash WordStar's commands using the new Pull-Down Menus. It's easy.

If you're one of the 2 million seasoned WordStar users, you can still use the classic WordStar commands as you move up to the power of WordStar 5.0 Professional.

And, if you're a new user, get ready for On-Screen Preview, Instant Spell-Check with Definitions, easy Search-and-Replace.

Perfect Your Documents. Now with On-Screen Advanced Page Preview, you'll see multiple pages on-screen. And, match facing pages or view up to 18 pages at once.

Forget flipping through dictionaries and thesauruses. Find just the right word with the pocket-size Word Finder.

You can instantly correct heading and footing errors. And, check page length, page numbering and page layout at a glance.

Plus, the On-Screen WYSIWYG (What You See Is What You Get) preview shows you exactly how your documents will look before you print them. What a time-saver!

Instant Power Words. Annihilate spelling errors and enhance every memo, manuscript and report with rich, vivid language.

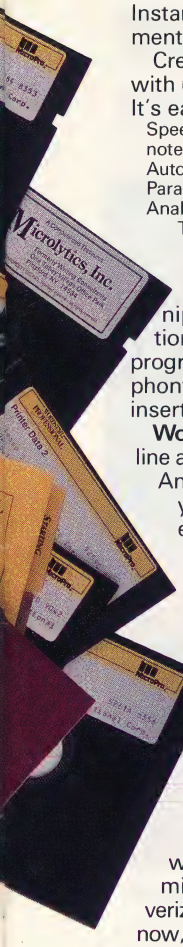
Use WordStar's built-in thesaurus to infuse your writing with not just spell-checking, but a 220,000-word thesaurus, too.

You'll increase (expand, maximize, amplify) your vocabulary. And, your ideas will explode with persuasive power.

Most good word processors have spell-check. WordStar adds an on-line dictionary.

Imagine defining words such as 'iconoclast' (one who attacks cherished ideas), 'titration' (test to find the strength of a solution), and 'synergy' (cooperation in action).

Productivity Expanders. Zip between documents instantly. Now you can 'cut and



paste' with WordStar's powerful editing windows. Prepare two documents at once. Instantly move or copy text within a document or between two documents.

Create newsletters, bulletins and more, with up to eight newspaper-style columns. It's easy. And, look at what else you get:

Speed Write, Automatic Text Alignment, Footnotes and Endnotes, Advanced Font Support, Automatic Page Layout, Paragraph Style Guides, Paragraph and Line Numbering, Word Count Analysis, Power Failure Protection, TelMerge Telecommunications, ProFinder File Organizer, Improved Macro Definition, Proportional Space Printing, Laser Support and a Calculator.

Plus, WordStar also makes data manipulation a breeze. Capture information from database and spreadsheet programs like dBASE™, Lotus® 1-2-3, Symphony™ and Quattro™ and you can easily insert them directly into your documents.

Word Processing Expanded. Easily outline any report with WordStar's PC-Outline. And, if you send multiple letters, wait till you try WordStar's MailMerge with its easy fill-in-the-blank database. Send 10 personalized letters or 10,000. It's great for business or club letters.

DAK backs up your bribe with toll free software support. And of course, your WordStar 5.0 Professional is backed by WordStar's limited warranty.

GRAMMATIK III PROFESSIONAL GRAMMAR CHECKER

It's war. Now you can wreak havoc on pronoun misuse. Now you can pulverize punctuation errors. And now, you can forget using the incorrect 'its', 'too' and 'there'.

Forget leafing through huge style guides, dictionaries and textbooks.

Let Grammatik III automatically check all your letters, reports and memos for proper grammar use. It's like having a ruthless editor and meticulous proofreader on your team.

Here's how it works. Grammatik III uses artificial intelligence to methodically 'proofread' your letters, proposals and reports for improper or weak grammar use.

Sure, it can effortlessly pinpoint simple problems, like forgotten periods, capitalization and unclosed parentheses. Plus, it will correct improper article use ("a iron"), homonym usage ("their was a dog") and subject-verb disagreement ("they is here").

And, it teaches as you use it. So you (or your children) can learn while you write.

Whenever it catches an error, touch a button. An on-screen window pops up, explaining the grammatical rule. It looks for:

Archaic or Foreign Phrases, Unbalanced (), {}, [] or " ", Capitalization, Double Word or Punctuation, End of Sentence Punctuation, Punctuation Usage, Ellipse Usage, Hackneyed, Cliched or Trite, Informal or Illiterate, Jargon, Technical or Esoteric, Clumsy or Awkward, Longwinded or Wordy, Often Missed or Confused, Neologism or Coinage, Overstated or Pretentious, Passive Voice, Quotation Misuse, Redundant Phrase, Spelling, Trademark, Usage In Question, Vague Adverb, Adverb Usage, Split Infinitive, Infinitive Usage, Number Agreement, Incomplete Sentences, Adjective Usage, Verb Agreement, Similar Words, Possessive Usage, Article Usage, Homonyms, Pronoun Usage and Preposition Usage.

There's also a Report Screen. You'll see your average sentence length, the average number of syllables per word and more.

The scores tell you which grade level is required to understand your efforts.

Now you can really analyze your work. Now you can direct your message to your specific audience by aiming your letters to your reader's precise education level.

And now, your audience will feel an instant connection to you and your words.

Reference Software's Grammatik III is backed by a standard limited warranty.

WORD FINDER POP-UP THESAURUS

It's amazing (stunning, fantastic, fabulous). Forget racking your brain for just the right word. And, forget tediously plodding through a thesaurus for the best word.

Imagine leaping (hurdling, pouncing, bounding) to the exact word you want. You'll command awesome word power.

And, imagine enhancing (amplifying, magnifying, boosting) your writing and speaking, with stunning (breathtaking, astonishing, sensational) word power.

I'm a simple writer. But now, I can infuse a 220,000-word 'instant-access' thesaurus into my writing and speaking.

Make your ideas omnipotent (mighty, powerful, supreme). Now every word can create a graphic (colorful, impressive, intense) image in your reader's mind.

Now you can access thousands of $5, $10 and $25 words with just a keystroke. It's a pop-up program that works **within** most word processing programs.

There's no programming and nothing to learn. Just type the word you want. And, get ready to express your ideas with exquisite (errorless, elegant, excellent) precision.

If you're unsure of the word's meaning, simply check its synonyms. It's from Microlytics and backed by a limited warranty.

WORD FINDER HAND-HELD SPELL CHECKER & THESAURUS

I hate dictionaries. Half the words I look up are already spelled correctly. And the other half, I can't find.

With the hand-held Word Finder, 'looking up' words is simple (logical, clear, easy) and fun (amusing, enjoyable, entertaining).

It's phonetic. And, it's really intelligent (advanced, brilliant, knowledgeable). Type 'FONETIC' and you'll get 'PHONETIC'. Type 'PH???TIC'. And, you can select 'PHONETIC' from other possibilities.

Type 'FOTOGRAPHIC'. Instantly, 'PHOTOGRAPHIC' appears on the LCD screen.

Add a letter. Leave out a letter. Even transpose a letter. The Word Finder can find the correct spelling of the word you want.

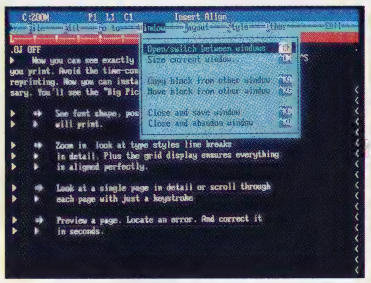
You'll have 4½ megabytes of awesome (stirring, magnificent, exciting) words. If anyone in your family delivers speeches, this is one of the most vital (dynamic, energetic, crucial) tools you can use.

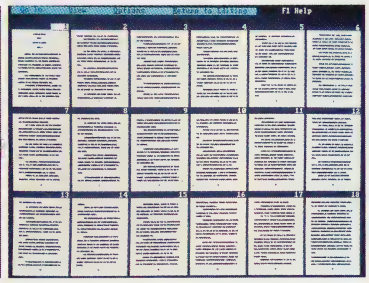
Plus, it's a must for students. Not only is it essential (indispensable, imperative, mandatory) for tests and reports, but it also helps build vocabulary for the college boards. And, just wait till you see how it adds sparkle (vigor, energy, excitement) to all your essays, articles and short stories.

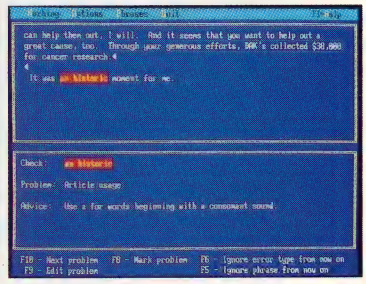
The Hand-Held Word Finder measures a pocket-size 3" x 4" x ¾". and weighs a feather-light 6 ounces. It operates on AAA batteries (included). It's made by SelecTronics, and backed by their limited warranty.

Everything above is one heck of a $99⁹⁰ bribe. You'll need an IBM PC (IBM PC is a registered trademark of International Business Machines) or clone with a hard disk. Plus, a minimum of 384K of RAM (512K to use WordStar's preview), DOS 2.0 or higher, and a Hercules, CGA, EGA or VGA monitor.

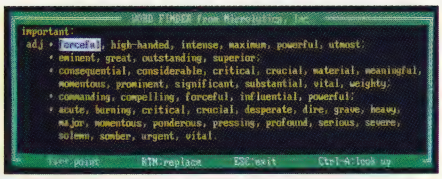
All software is covered by the manufacturers' standard limited warranties and shipped in packages provided by DAK.







Imagine wielding the power of WordStar 5.0 Professional with its Pull-Down Menus. Imagine previewing your reports, proposals and essays with its Advanced Page Preview. And then, 'proofreading' your work with Grammatik III.



With the pop-up Word Finder Thesaurus Software, important (powerful, significant, influential) words are always just a keystroke away.

ACCEPT A BRIBE RISK FREE

Thrill to the incredible power of WordStar 5.0 Professional. Concentrate on your creativity while Grammatik III eliminates the drudgery of grammar checking.

And, imprint your ideas into your readers' minds with the most powerful (potent, forceful, dynamic) software and hand-held 'word tools' from Word Finder.

If you're not 100% thrilled with your bribes, simply return them to DAK in their original box within 30 days for a refund.

To order your IBM-Compatible WordStar 5.0 Professional ($495 value), Grammatik III ($99 value), Word Finder Software ($59 value) and $99 Hand-Held Word Finder risk free with your credit card, call toll free or send your check, not for the over $750 suggested retail, but for just **$99⁹⁰ COMPLETE** ($9 P&H). CA res add tax.

Use Order No. 5388 if your computer uses 5¼" disks. Or, use Order No. 5389 if your computer uses 3½" disks.

We all win. I'll build a great mailing list to introduce my computer products. WordStar gets to build its customer-base. And, you gain the productivity of over $750 worth of word power to make your ideas soar. Remember, it's all yours for just **$99⁹⁰**.

DAK INDUSTRIES INC.

Call Toll Free For Credit Card Orders Only
24 Hours A Day 7 Days A Week

1-800-325-0800

For Toll Free Information, Call 6AM-5PM Monday-Friday PST
Technical Information.....1-800-888-9818
Any Other Inquiries.....1-800-888-7808
8200 Remmet Ave., Canoga Park, CA 91304

NOW WITH DEFINITIONS AND MORE!

Astounding Writing, Turbocharged!

Supercharge your ideas with the massive (colossal, gargantuan, enormous) power of 220,000 synonyms. Elucidate (def: to make clear) your ideas with the definitions found in the 100,000-word Phonetic Spelling Dictionary. And, discover (uncloak, uncover, unearth) an easy path to awesome word power.

By Drew Kaplan

Varooom! Fasten your seatbelts. And, hold on tight! Now you can race (zoom, speed, dash) to a richer and more vivid vocabulary. Now you can forget the travail (def: arduous labor, pain) of using a dictionary.

And, now you can actuate (def: put into motion) new-found word power, while leaving unfamiliar terms in the dust.

If you've read my previous Word Finder ad, you know how much I love this amazing device. The 220,000-Word Thesaurus and 100,000-Word Spelling Dictionary blasted old dictionaries and thesauruses into antiquity (def: early historical age).

But, now there's a new kid in town. You'll thrill to the newly hot-rodded Word Finder. It's got everything the old Word Finder has, and much, much more.

It's been souped-up with 50% more speed. It's been supercharged with stronger Phonetics, Technical Terms and a new Flashcard learning tool (more later).

WORDS OF POWER REDEFINED

I've used the Word Finder Turbocharged Thesaurus and Dictionary a myriad (def: a very great number) of times to enrich my writing and speaking with literally thousands of persuasive, powerful words.

The right synonym (def: word with the same meaning as another) can turn a dull, lifeless sentence into one alive with vitality.

But, only a person using a dictionary can adjudicate (def: to decide or decree judicially) a word's exact definition.

Now, with the New Word Finder's Definitions, you'll know categorically (def: without conditions) if you're using the right word.

You'll thrill to phrases and statements that proficiently (efficiently, masterfully, expertly) define the words you want.

Here's how it works. Let's choose the word 'oviparous'. Enter it on the new 'QWERTY' (typewriter-style) keyboard.

Touch the 'DEF' key. 'Having eggs hatched externally' pops up on the LCD screen. But, what if you're like me and have trouble spelling words like oviparous? No problem.

Just enter a word the way it sounds. Type 'aviperus' and press 'SPL'. 'Spell To Correct' flashes on the screen. Press 'SPL' again to see the correct spelling. 'Oviparous' appears.

Check the spelling of a word. Discover its synonyms. And, define it at the touch of a key.

Add a letter, leave out a letter or transpose a letter. You can even enter up to 10 question marks to search for the word you want.

Best of all, the instant you find the word you're looking for, you can effortlessly obtain (capture, procure, seize) its definition.

BUSINESSMAN'S BEST FRIEND

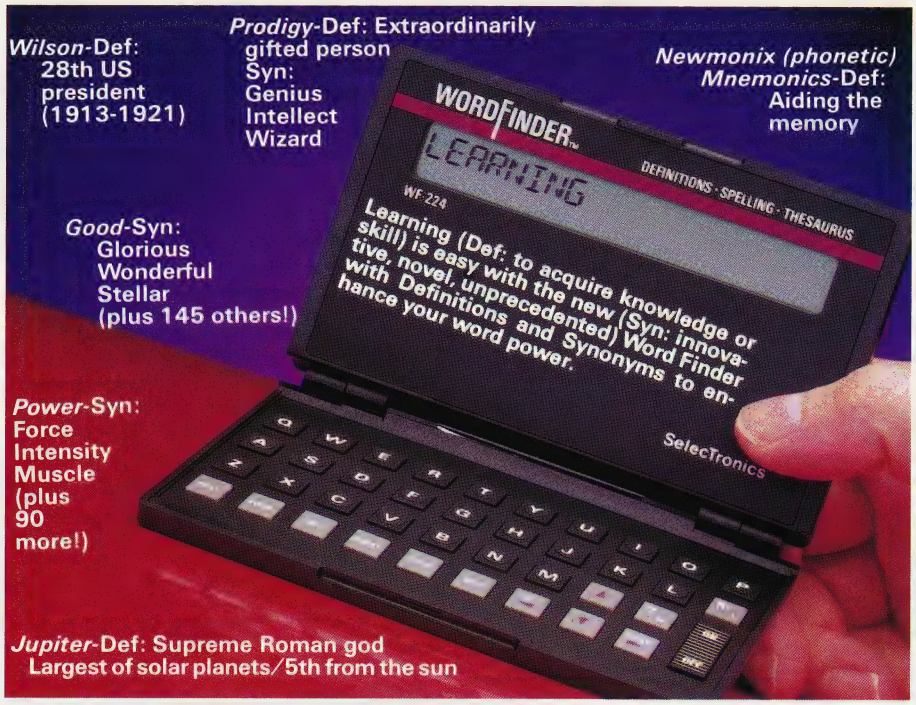
Many times it's how you say something that's important. So, use a fluent (articulate, eloquent, persuasive) speaking style and people will revere (def: to hold in deep respect) you for what you say.

If you've ever written and delivered a speech, you know how important just the right words can be. Now you can feel even more confident (self-assured, certain, secure) every time you stride toward the podium.

Your speeches will explode with persuasive authority. And, your talks and lectures will entertain while they inspire.

Plus, there's nothing better for dramatic, high-impact writing. It's powerful.

Now we can all let the Word Finder effortlessly smash the boring (monotonous, tedious, tiresome) details while we focus exclusively on our writing.



Make use of literally thousands of synonyms AND definitions in record time. Now you can instantly inject your writing and speaking skills with encyclopedic knowledge and infinite strength.

Do You Know The Meanings Of These Words?

Below are 10 words that can infuse persuasive power into your speaking and writing. Flip over this page to discover their complete Word Finder Turbocharged definitions.

1. purvey
2. peccadillo
3. euphonious
4. adduce
5. querulous
6. sinecure
7. paladin
8. cloture
9. wangle
10. indurate

1) to provide or supply 2) pretty fault, sin 3) nice-sounding 4) to cite as proof 5) quick to complain/find fault 6) well-paying job with little work or responsibility 7) a heroic champion 8) rule to end debate/call a vote 9) bring about by trickery 10) hard, unfeeling

COLLEGE BOARD BASHER

Now your kids can breeze through the SAT. The Flashcard learning tool makes all their study time extremely efficacious (effective, efficient, successful).

Simply push the Question Mark key once. Then, press the 'DEF' key. The Word Finder randomly selects a word to define.

Give it your best guess. And press the 'DEF' key again. Were you right? If you weren't, you've just learned a new word.

Words like nephrite (def: chief source of jade), phagocyte (def: germ-killing cell) and polynomial (def: having several names or terms) are just a keystroke away.

Now you can easily understand technical journals, textbooks and articles, even if they're loaded with unfamiliar terms.

Plus, the definitions give you presidential names with dates, states and capital cities.

It's manufactured by SelecTronics and backed by their standard limited warranty.

TURBOCHARGE YOUR VOCABULARY RISK FREE

Propel your writing and speaking style into the ionosphere (def: outer atmosphere). Supercharge your concepts with a kaleidoscope of cogent (persuasive, convincing, forceful) words.

And, foment (inspire, encourage, ignite) the flames of knowledge every time you or your children use the definitions.

If you're not 100% thrilled, simply return it to DAK in its original box within 30 days for a courteous refund.

To order your SelecTronics Word Finder with 220,000-Word Thesaurus, 100,000-Word Phonetic Spelling Dictionary, with over 50,000 **definitions**, and New Flashcard Learning Tool, risk free with your credit card, call toll free, or send your check for the earth-shattering price of just **$79.90** ($4 P&H). Order No. 5412. CA res add tax.

Climb the linguistic ladder to success (prestige, prosperity, accomplishment). Now your writing and speaking can explode with passionate ardor (def: intense feeling).

CAN YOU BE BRIBED !!?

Get your Word Finder (above) with synonyms and **DEFINITIONS** plus all the software bribes on pages 18 & 19 including Wordstar Professional 5.0, Grammatik III and Word Finder software. It's all yours for **$129** ($9 P&H). Use Order No. 5435 for 5¼" disks. Order No. 5436 for 3½" disks.

NOW IN TRUE STEREO FOR JUST $49.90!

Wireless TV Marriage Saver

Now you can watch late-night TV in MONO or STEREO while your spouse sleeps. Now you can read in blissful silence while your children watch their favorite TV shows. And, now you can listen to your audio system in stereo, completely cord-free.

By Drew Kaplan

It's a problem. I like to watch late movies in bed. But, my wife usually wants to go to sleep long before the movie is over.

For years, I kept the volume down low, and struggled to hear the dialogue. I missed more than I heard. And, my wife still complained. Plus, I also like to flip channels. And, it always drives her crazy.

But now, with these great-sounding, wireless infrared **stereo** headphones, we both can enjoy our late nights together.

LATE-NIGHT TV TRUCE

Now, whether you like to watch the late movie, talk shows or even movies on your VCR, you can turn up the volume as loud as you like without disturbing anyone. And, best of all no one will disturb you.

And, just wait till you hear the fantastic quality of the stereo broadcasts you'll hear through these stereo headphones.

The sound from your TV will be so lifelike, you'll duck every time you hear a gunshot. And, you'll dive for cover with every bone-jarring explosion. It's amazing.

Plus, if you know someone who is hearing impaired, the Marriage Saver can really bring TV alive for them, too.

Now they can turn the volume up so they can hear perfectly. And, everyone else in the room won't be bombarded by a blaring TV.

NOW STEREO FREEDOM, TOO

Stereo headphones are a great idea. But, they're limited by the length of their cord.

But, with the new Marriage Saver, you can listen to all your favorite music through great-sounding stereo headphones and have complete freedom from lengthy, tangled headphone cords. They're great.

You'll have complete freedom to walk around up to 20' from your TV. That's an incredible 350-square-foot total range.

Now my wife can listen to her favorite albums and tapes while she vacuums in the living room. And, she doesn't have to worry about the vacuum drowning out the stereo.

The brand-new Wireless Marriage Saver now transmits in TRUE Stereo. You can listen to your albums, tapes and CDs in private with complete wireless freedom anywhere in the room.

Plus, with the Marriage Saver, my wife and I can read, work or talk while our kids listen to 'their music' (yecch) as loud as they like without bothering us.

You'll have a tremendous frequency response of 20hz to 18,000hz and phenomenal channel separation.

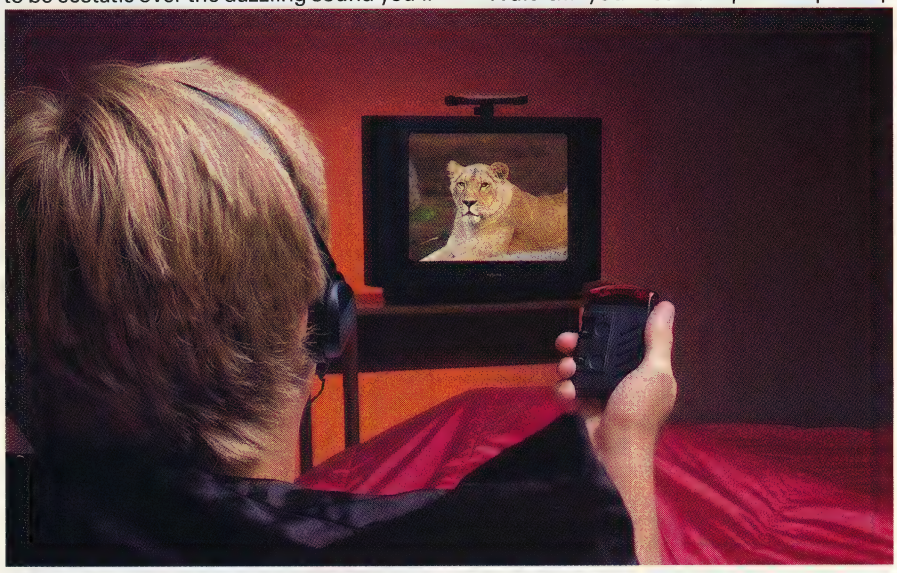
You'll thrill to crisp, vibrant, full stereo sound from all your tapes and albums. And, you won't have to worry about outside noise disrupting your listening pleasure.

The specially-designed transmitter sends both mono and stereo sound to the pocket-sized receiver on waves of infrared light, just like your remote controls. So, there's virtually no noise or interference. All you'll hear is incredible hi-fidelity mono and stereo sound from your TV or audio system.

The manufacturer claims you can listen to your CDs, too. And yes, you can. The signal-to-noise ratio and dynamic range of the Marriage Saver is very, very good.

But, if you're an audiophile, you'll find it's not quite up to the capabilities of CDs. Don't get me wrong, the sound is great.

So, you'll probably want to use corded headphones for your CDs. But, you're sure to be ecstatic over the dazzling sound you'll hear through these cordless infrared stereo headphones for everything else.



Now, whether you have a stereo or mono TV, you'll enjoy listening privately, without cumbersome headphone cords and without bothering your spouse, children or anyone else in the same room.

JUST PLUG IT IN

It's incredibly easy to use. Simply plug the AC-powered transmitter into an earphone jack or the audio output jacks on your TV, VCR or your stereo system's preamp or receiver.

Then plug the great-sounding feather-weight stereophones into the pocket-sized receiver (9V battery not included).

You'll have your choice of MONO or true STEREO (not simulated) sound. And, you'll have sound for both ears, even if your TV only has a monaural earphone jack.

Of course, the receiver has a separate volume control. So, you'll set the exact volume you want no matter where you are.

And, look at this. If your TV doesn't have a headphone or earphone jack, there's an optional microphone that you simply place in front of your TV's speaker.

SPECIAL PRICE FOR YOU

Thousands of DAK customers ordered the original Wireless Marriage Saver (without stereo) at our special price of $49.90.

But, now you can get the same wireless freedom, with **True Stereo,** for DAK's retail-bashing price of just $49.90.

It's manufactured by Arkon and backed by their standard limited warranty.

STEREO WIRELESS FREEDOM RISK FREE

Wait till you or your spouse watch a late-night movie while the other half of the marriage slumbers peacefully.

Wait till you hear a spaceship warp through your living room in stereo. And, wait till you enjoy headphone privacy without long, restricting cords.

If you're not 100% thrilled, simply return it to DAK in its original box within 30 days for a courteous refund.

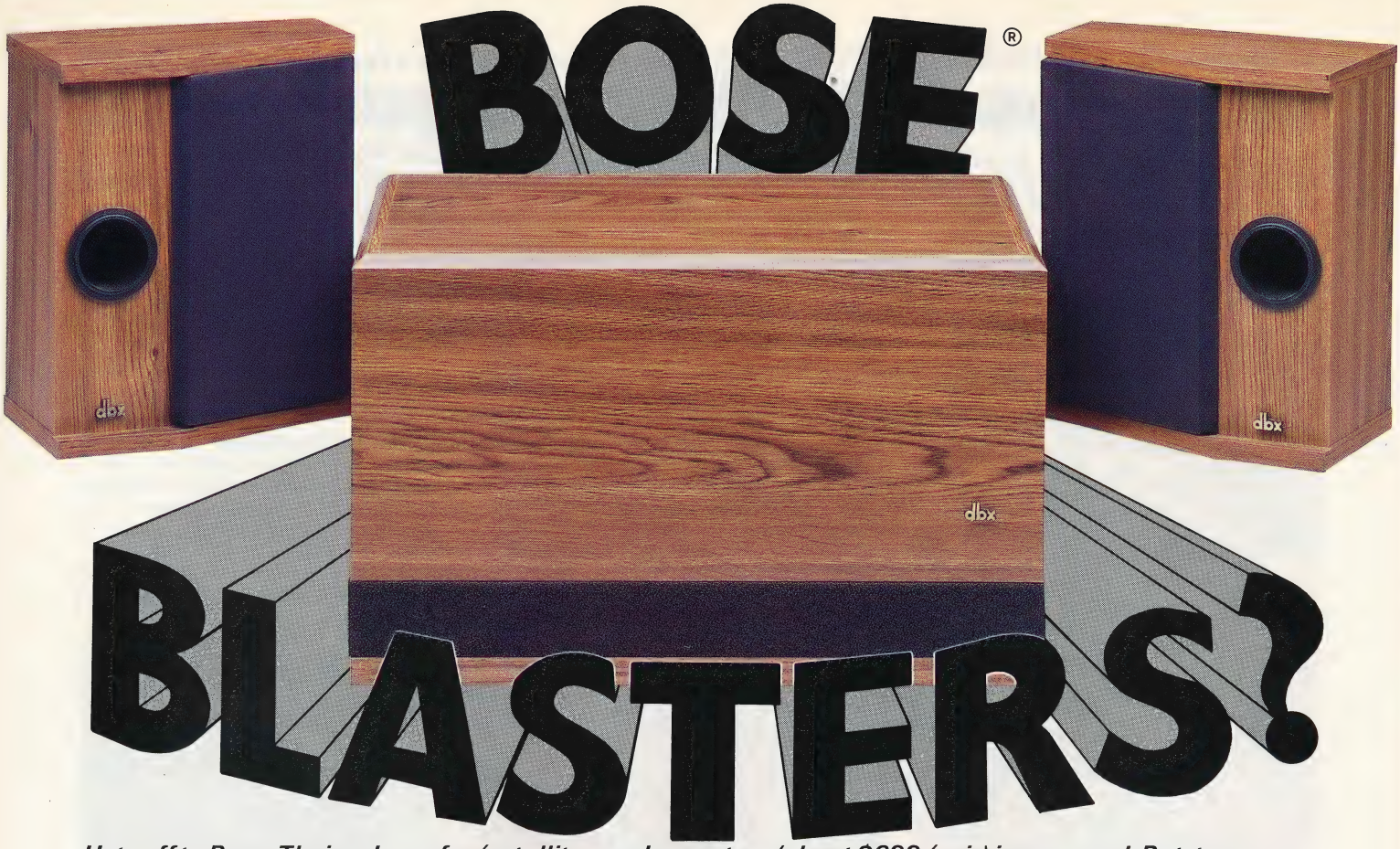
To order your Wireless Marriage Saver for use with both Stereo and Mono TVs, **and** Your Stereo System complete with AC Power Supply, Receiver and Stereophones risk free with your credit card, call toll free or send your check for just **$49.90** ($6 P&H). Order No. 5409. CA res add tax.

Add extra receivers/headphones for your spouse or kids for just **$29.90** ($4 P&H). Order No. 5410.

If your TV doesn't have an earphone jack the installation-free, super-sensitive microphone is just **$19.90** ($3 P&H). Order No. 5411.

Imagine watching late-night TV without bothering your spouse. Imagine reading in blissful silence, while your kids listen to the stereo as loud as they like through headphones without disturbing you.

And, imagine listening to your favorite music through stereo headphones without annoying, tangled headphone cords.



Hats off to Bose. Their subwoofer/satellite speaker system (about $699/pair) is very good. But, to my ears, the new dbx Soundfield Satellite/Subwoofer System ($249/pair) with awesome dbx stereo imaging and ultra-clean, wide sonic dispersion beats the tweeters off Bose. In fact, they're so good, I'm willing to put a FREE gift on the line to prove it. Read on to discover how you can be part of DAK's most daring challenge ever.

By Drew Kaplan

This isn't DAK's first challenge. But, it is our most daring. And, YOU are a vital part of the outcome. Let me explain.

Recently, I was talking to Jack Dodgson, DAK's VP of Engineering. He was explaining the new dbx Soundfield Subwoofer/Satellite Speakers to me.

I said, "You know, Jack, Bose has sold thousands of subwoofer/satellite speakers. I think they really have the market sewn up."

He went to his stereo (very impressive) and slipped in a CD. "Oh really?" he said. "Listen to this!" Then, he flipped a switch.

It was awesome. The sound was massive, full and bright. The ultra-wide spatial separation filled the room with resonating waves of sonic splendor. And, the bass exploded with such detail, I could literally feel each pulse-pounding note.

"That's not fair," I said, pointing to his floor-standing speakers. "You can't compare those to Bose's subwoofer/satellites."

Jack walked over to a nearby potted plant. He pushed it aside. There, in the corner, was a subwoofer barely the size of a footstool.

Jack smiled, and pointed to a bookshelf. There they were, a pair of dbx satellite speakers small enough to use as bookends.

ALL ABOUT dbx AND THE SOUNDFIELD HERITAGE

dbx has been a world-renowned leader in professional audio. Their revolutionary technology has earned them many prestigious industry awards. And, their diverse range of acoustic achievements has allowed them to patent a whopping 74 electronic products.

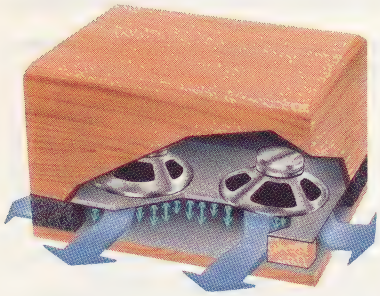
So, the second dbx said they wanted to form an alliance to be in the DAK catalog, I almost fell out of my chair in excitement.

Until recently, DAK couldn't carry the dbx line. But now, dbx speakers are here in force.

Here's the story. dbx burst out of the studios and into the audiophile scene about 5 years ago with their amazing $2,000 Soundfield One Speakers. Wow! (Our Jack Dodgson, when he was with BSR, was involved in their creation.)

What set those awesome speakers apart from others was their amazing stereo imaging. From anywhere in the room, you could hear incredible 'live performance' sound.

Flash forward to 1989. dbx had a good thing with their stereo imaging speakers. But, the new Soundfield 3XII Subwoofer/Satellite Speaker System represents a **newer** speaker technology.



The slot-loaded Subwoofer's 'fixed' floor disperses bass frequencies throughout your room (large arrows), while it reflects frequencies above 180Hz back into its cabinet (small arrows) to preserve your music's stereo imaging.

You'll thrill to wide-dispersion sound. You'll feel the enhanced spatial separation.

And, hold onto your speaker cables, because you'll have uncompromising, live-concert sound wherever you place them.

But, the best news is, **you can own this awesome audiophile System for only $249.** That's $450 less than Bose's AM-5 subwoofer/satellite system. So you can save enough money to acquire our 62-CD offer and 6-CD Changer in the bargain.

In a moment, I'll tell you why it's such a great price. But first, let's see how you can get floor-standing speaker system sound from such an incredibly tiny package.

SOUND-DETONATING SUBWOOFER

It's the heart of this system. If you're like me, one way you evaluate your speakers is by how full and exact the bass sounds.

Enter the dbx Subwoofer. It's engineered with dual 6½" drivers for the tightest, cleanest, most precise bass I've ever heard.

Why two drivers? Because they give faster transient response for finer, detailed bass, all the way down to 28Hz. It's awesome.

Plus, they give wider STEREO bass dispersion for demanding digital recordings.

Here's how it works. The Subwoofer uses a custom-designed crossover network to route all sub-bass frequencies (below 180Hz) to the Subwoofer. All other frequencies are sent to the Satellites.

This takes the strain of reproducing bass frequencies off the unique Satellites. So, they're free to do what they do best—produce rich midrange and heavenly highs.

But, wait till you hear the bass. You'll revel in the stunningly-accurate sound of bassoons, kettle drums and pipe organs. And, you'll be amazed at the low-end thunder that'll emerge from your CDs.

Plus, there's a bonus. The Subwoofer also cleanses your midrange for dramatic clarity and resonance. Here's how.

RAZOR-SHARP MIDRANGE

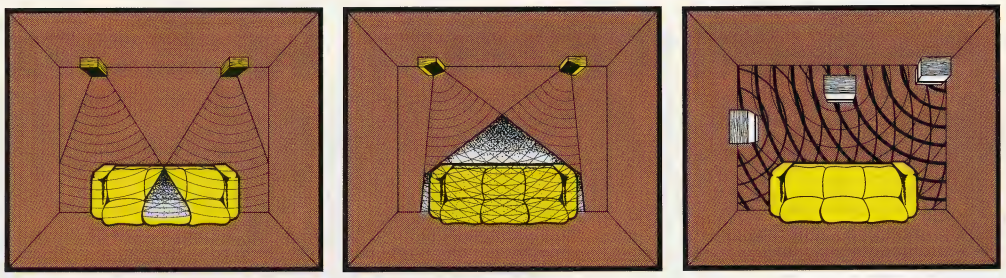
I've got a lot of respect for Bose. Until these dbx speakers came along, Bose ac-

(Next Page Please . . .

. . . Bose Blasters Continued) complished something virtually no other company could—they got big-speaker sound from a very small system. In fact, it's smaller than the dbx system.

But frankly, I think they also made some compromises. I'm talking about midrange.

The first thing I noticed when I tested the Bose subwoofer/satellite system was, **to me,** a shocking loss of the lower midrange portion of the musical spectrum. (Listen for yourself.)



Unlike the limited stereo coverage of conventional speakers (left diagram), the dbx angled Satellites (middle diagram) bathe your entire listening area with a wider stereo 'sweet spot'. Plus, you can also control your bass reinforcement (right diagram). Place the Subwoofer 12" from a wall (1) for normal bass (light lines). Put it against a wall (2) for stronger bass (medium lines). And, place it in a corner (3) for best bass reinforcement (heavy lines).

But, the dbx Soundfield System is different. The 4½" driver radiates amazingly-accurate, razor-sharp, resonate midrange between the 180Hz and 3,500Hz frequency range. It's really stunning.

And, look at this. There's a tuned-duct port built into each Satellite cabinet.

Because it's 'tuned' to 180Hz, your lower midrange frequencies will be unleashed with awesome depth and clarity.

You'll thrill to your favorite vocalist singing pure, sweet, sparkling-clean notes.

And, your orchestral crescendos will resound with the presence of floor-standing speaker power, complete with full-spectrum midrange anywhere you place them.

Plus, the 1" aluminum voice coil is ferrofluid cooled for up to 300% better power handling all the way up to 3,500Hz.

And, the inherent lightness of aluminum means you'll get super-accurate transient response. Now you'll never miss a single, subtle transient nuance in your music again.

HIGH-FIDELITY HIGH-END TWEETER

They engineered these 2" wide-dispersion ferrofluid cooled tweeters with a phenolic-clamped ring and 'liquid rubber' edge.

First, they cut a slot around the tweeter driver. Then, they tightly clamped a rigid ring around it. Finally, 'liquid rubber' was inserted into the driver edge.

The result? The tweeter is TOTALLY restriction-free. So it can move according to your music's unique dynamic range and frequency response. No vibrations. No distortion. And, no phase cancellation. Just sizzling, pure audiophile ecstasy.

Brushes on cymbals will resonate with tingling, spine-chilling perfection.

And, your music will fill your bedroom, apartment or living room with 3-dimensional sound-waves of concert-hall ambience.

Plus, this Subwoofer/Satellite System is so compact, you can place the components virtually anywhere. And, you'll thrill to sonically-interactive stereo dispersion. Read on.

STRATEGIC SPEAKER SQUAD

Forget rearranging your room around your speakers. The dbx Subwoofer/Satellite System was designed to adapt perfectly to any room's unique acoustics. Here's why.

High frequencies are directional. To achieve the live 'sound stage' illusion audiophiles crave, speaker placement used to be critical for optimum stereo imaging.

Until now. You'll notice the Satellite Speaker's front cabinets are angled a full 20 degrees for wider stereo dispersion.

You can place them flat against a wall or bookshelf. And, you'll create a wider 'sweet spot' that covers a greater portion of your room with stunning stereo sound.

Plus, the Subwoofer's 12dB/octave crossover insures the true integrity of your system's stereo imaging. And, because the low sub-bass frequencies are non-directional, you can position the Subwoofer anywhere.

You'll create a sonically-pure listening environment tailored to your room's exact acoustics. And, you'll transform your stereo 'sweet spot' from a narrow 1-seat point to a panoramic wall of living sound.

WHY SO CHEAP AND HOW TO WIN THE $49⁹⁰ CHALLENGE

Go to your local stereo store. Page through the audio magazines. Check the newspaper.

It won't take you long to find Bose's AM-5s. They're one of the most popular subwoofer/satellite systems around.

In fact, I even bought a pair. I spent $749 to compare Bose's speakers in my own home. Then, I tested them against the dbx speakers. And frankly, I was stunned.

I was so stunned that I've already committed to sell 10,000 of these incredible dbx Subwoofer/Satellite Systems. And, to prove we can do it, we're setting a price that will shake the audiophile community.

It's bookend-sized audiophile bliss. The new dbx Subwoofer/Satellite System is perfect for your bedroom, office, apartment or dorm room. Plus, with a power rating of up to 175 watts, it's great for your main stereo system, too.

Here's the story. BSR (the electronics giant) used to own dbx. Now they don't. Because of a contractual agreement with BSR, I couldn't offer both BSR and dbx speakers at the same time. (As late as 1986, DAK was BSR's number one customer.)

Since dbx is no longer part of BSR, this price is a way to spread the news about dbx and dbx's new alliance with DAK, fast.

So before you spend $699 (or more!) on Bose's system, **take this simple test.**

Order the dbx Subwoofer/Satellites. (Remember, you have a 30-day risk-free guarantee.) Take them to your local stereo store. And, A-B test them against the Bose AM-5 subwoofer/satellite system.

If you don't agree that the dbx Soundfield Subwoofer/Satellite System trounces the tweeters off Bose, or any other system costing up to $700, send them back to DAK.

And, I'll send you a surprise product from this catalog selling for $49⁹⁰. It's simple.

But, I'm confident. I'm so sure you won't let go of these awesome Speakers for any reason, I don't think I'll be forced to give away any gifts. But, listen for yourself.

The dbx Subwoofer/Satellites handle amplifiers with power ratings of 10 watts to 175 watts. So, they'll reproduce amazing sound with virtually any amplifier or receiver.

The Subwoofer measures a streamlined 11⅛"H. x 18"W. x 5⅝"D. And, the Satellites measure a compact 10¼"H. x 8⅝"W. x 5⅝"D. They're backed by a 2-year dbx standard limited warranty.

UNLEASH SATELLITES OF SOUND RISK FREE

Imagine filling your den with cataclysmic cymbal crashes. Imagine thrilling to the punctuated precision of momentous bass timbre in your apartment.

And, imagine the ultra-wide 'sweet spot' that'll envelope you in sonic waves of audiophile rapture in your living room.

If you're not 100% thrilled by the flawless sound emanating from this system, simply return it to DAK in its original boxes within 30 days for a courteous refund. (And, I'll immediately send you your $49⁹⁰ gift.)

To order your dbx Soundfield 3XII Subwoofer/Satellite System with Dual 6½" Driver Subwoofer, 4½" Ferrofluid Cooled Midrange, 2" Ferrofluid Cooled Wide-Dispersion Tweeter, Angled Front Cabinet with 180Hz Tuned-Duct Port for Ultra-Wide Stereo Dispersion and Wide 'Sweet Spot' in Dark Oak Color (main photo) risk free with your credit card, call toll free or send your check for DAK's Bose-Blasting price of only **$249** ($19 P&H). Order No. 5344.

To order the identical dbx Soundfield Subwoofer/Satellite System in Jet Black Oak Color, use Order No. 5335.

Special to bass lovers. If you want to reproduce thunderous bass with your current speakers, then order the dbx Subwoofer alone (Dark Oak Color only). It's just **$129** ($12 P&H). Order No. 7277.

To deliver sonic fury to your Subwoofer/Satellite Speaker System, add the dbx 9' Audiophile Speaker Cables. They're just **$29⁹⁰** a pair ($4 P&H). Order No. 5308.

It's awe-inspiring. This system was meticulously engineered for incredible high-fidelity and true audiophile excellence.

Now you can transform your living room, den or office into an audio paradise. And now, you can enjoy massive bass response, incredible detail and sound so awesome it's rivaled only by live performances.

®Bose is a registered trademark of Bose Corporation.

Beat DAK If You Can

You've seen the ads in newspapers and computer magazines. And, you've read all the boasts and claims. WELL, TALK IS CHEAP. So look what I've done. I DARE YOU to beat my $1,999 price for VTI's AT-compatible, 40-MB hard drive Work Crusher Plus computer with VGA monitor. And, I'll put up as much as $150 in FREE surprise product/prizes to say you can't even come close to DAK's price. If you're not 'chicken', read on.

By Drew Kaplan

Can you beat DAK? Are you gutsy enough? I've got $150 in product/prizes that says you can't touch my price for VTI's Work Crusher computer and all the name-brand software I've added.

They're everywhere. You've seen them. The ads claiming 'this is the best computer deal' and that 'no one beats our price'.

Well, I **KNOW** this 12-MHz Work Crusher computer with its 40-MB hard drive, VGA color monitor, name-brand bonus software, on-site service and more is the best computer deal in the country. And, I'm just confident (cocky?) enough to prove it to you.

Maybe you're smart enough (or you know someone who owns a computer store) to knock the wind out of my sails. But, I'm betting no matter how smart you are or who you know, you can't beat my price. And, I'm willing to put my money where my mouth is.

HIGH STAKES

Read over my Work Crusher Plus VGA ad. Then call your local computer store. And, ask them if they can even come close to DAK's price. Call one store. Call 20 stores. Scan the newspapers. Get your best price.

Then compare software programs. You don't even have to find software from the same store or outlet. You can mix 'n match from as many places as you like. You don't even have to find the exact same programs I'm offering. Just find similar programs.

Pick any word processor that has all the power of WordStar 5.5 Professional with its pull-down menus, advanced page preview and more. Choose any spreadsheet equal to Quattro with its ability to handle literally thousands of 'what-if' questions.

Find a mailing program that can match Keymailer's flexibility, a grammar program with the 'smarts' of Grammatik III and a paint program that can equal PC Paintbrush.

If you can come within $1,000 of my Work Crusher bundle price, I'll send you a $49^90^ surprise product/prize from this catalog. Come within $500 of my price and I'll up the prize value to $99^90^.

But, let's say you work for a big corporation and buy huge quantities of computers and software at big discounts. Or, let's say your brother-in-law owns a computer store and will give you a big price break.

Fair is fair. If, by some miracle, you can match or beat my work-crushing price, I'll send you $150 in surprise product/prizes.

UNFAIR ADVANTAGE FOR YOU?

Since DAKGraph and Bantastic are DAK-exclusive programs, you can forget about finding comparable programs for them. Plus, because I've never seen it offered before, I'll also exclude the 18-month, on-site service warranty from my 'Beat DAK' challenge.

In return, I ask you not to use freeware, shareware or public domain programs.

Jot your figures down on the 'Beat DAK Checklist' along with the name of the store, or stores, you got them from. Remember to include your name, address and phone number in the (very unlikely) event you beat me and I have to ship a prize to you.

No, you don't have to buy anything from DAK. No, you don't need to get all your figures in writing. DAK will call and verify them for you. You can even mail your checklist to DAK in the postage-free envelope included in this catalog.

REAL PRIZES (SKEPTICS READ THIS)

Forget software that's been downloaded from public bulletin boards. And, forget out-of-date, prehistoric electronic components. The prizes I'm offering are some of the latest electronic marvels in my catalog.

Of course, I have an ace up my sleeve. I don't think you can beat me.

Because I don't think there's an equal to VTI's incomparable 12-MHz, AT-compatible computer with its 40-megabyte hard drive, 1.2-megabyte floppy drive, 14" 640 x 480 VGA color monitor with tilt swivel base, on-site service PLUS all the name-brand software bonuses added by DAK.

So, I don't think I'll have to send you a prize. But, go ahead. Take your best shot at beating DAK. I dare you.

Beat DAK Checklist

To make it easier for you to 'beat DAK', I've included the manufacturer's suggested retail price for the computer and each software package. I've also given you my best guess at the 'street price' for each component. Finally, I've given you DAK's price (notice all the FREEs).

All you need to do is ferret out the best price for each piece from any North American computer store, outlet or dealer. Come within $1,000 of my price and a $49^90^ surprise product/prize is yours. Come within $500 and you'll win a product/prize valued at $99^90^. Meet or beat my $1,999 total price and I'll send a $150 product/prize your way. Good luck.

Description	Sug. Retail Price	'Street' Price	DAK's Price	YOUR Best Price
12-MHz, AT-Compatible Computer with 40-Megabyte Hard Drive, 1.2-Megabyte Floppy Drive, 14" 640x480 VGA Color Monitor with Tilt Swivel Base, DOS and GW-Basic included.	$5,399	$2,595	**$1,999**	_____
Wordstar 5.5 Professional Word Processing Program	$495	$229	FREE	_____
Quattro Spreadsheet Program	$247^50^	$145	FREE	_____
Keymailer Mailing Database	$149	$129	FREE	_____
PC Paintbrush Paint Program	$89	$59	FREE	_____
Keychart Graph & Chart Program	$149	$129	FREE	_____
Grammatik III Grammar Checker	$99	$79	FREE	_____
GOfer Search Program	$79	$59	FREE	_____
Logitech Mouse	$79	$59	FREE	_____
Bantastic Banner Maker	$49^90^	$49^90^	FREE	XXXXX
DAKGraph Chart & Graph Maker	$49^90^	$49^90^	FREE	XXXXX
GRAND TOTAL	$6,885^30^	$3,582^80^	**$1,999**	_____

_____ (Store or Outlet Name)

_____ (Your Name)

_____ (Store or Outlet Address)

_____ (Your Address)

_____ (Store or Outlet Phone Number)

_____ (Your Phone Number)

- *VTI 12 MHz AT Compatible-$4600*
- *14" VGA 640 X 480 Monitor-$799*
- *WordStar 5.5 Professional-$495*
- *Grammatik III Grammar Plus-$99*
- *Quattro Spreadsheet-$247.50*
- *KeyMailer Mailing Database-$149*
- *GOfer Search Program-$79*
- *KeyChart Graph Program-$149*
- *Zsoft PC Paintbrush-$89*
- *DAKGraf Graph Program-$49.90*
- *BANTASTIC Banner Program-$49.90*
- *Logitech Mouse-$79*

Work Crusher Plus VGA

Now you can vanquish work with this sensational new 12MHz AT Compatible Powerhouse with its 40 megabyte hard drive, its INCLUDED VGA MONITOR, its 1.2MB floppy drive plus MS DOS, plus, plus. Add all the DAK bonuses and you'll blast through any task at meteoric speed. And you get it all, a $6886 retail value for just $1999.

By Drew Kaplan

Save time. Create dramatically better letters and projects. And, start saving a ton of money from now on.

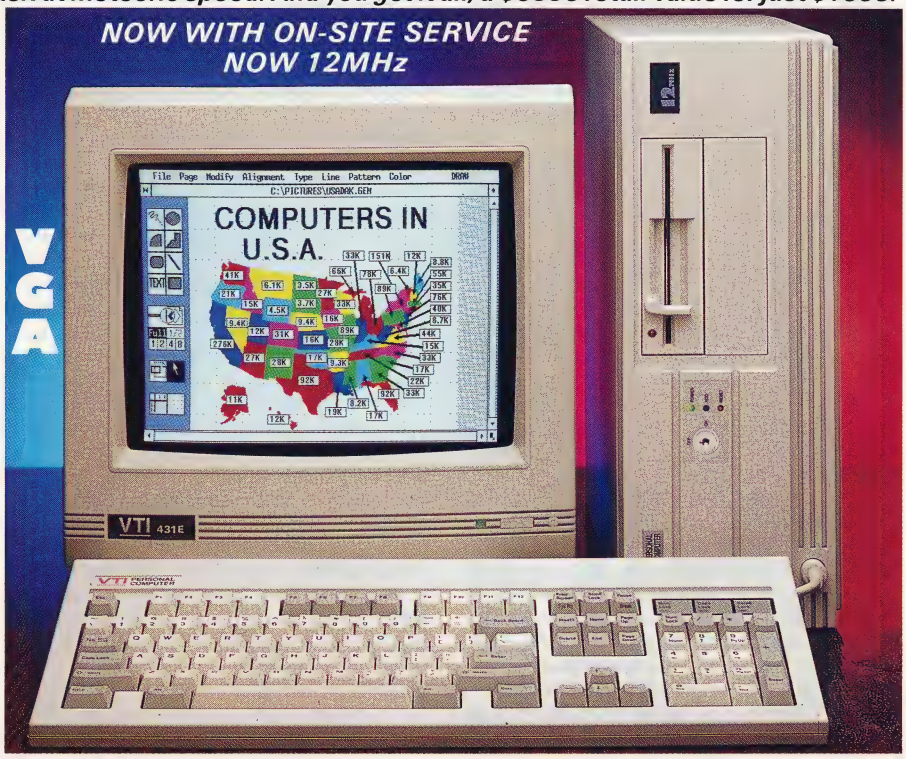
Now you can unleash your most ambitious creations. Put this breakthrough in raw computing power, memory capacity and slide-like, easy on the eyes, VGA brilliant color display to work for you.

Let me show you how. Whether you decide to acquire this incredibly powerful feature laden computer with all my bonuses and **ON-SITE SERVICE** or not, I'm going to explain a lot that will apply to any computer you may choose.

But look at this first. I've **included** a unique instructional video tape.

It's a step-by-step, keystroke by keystroke guide to easy computing. You'll learn to load, bring up and begin to use the computer and each program.

It's like having a personal computer technician helping you in your home or office. If you're like me, it can take an hour just to figure out how to load a new program. Now, you'll just 'Run' it.



With VGA graphic capabilities like this, wait till you see TEXT. Your eyes have never had it so good (easy).

COLOSSAL MEMORY

First, the 40 megabyte hard disk. You'll have the informational power of over 110 traditional floppy disks. You'll save time and improve the work you do.

Let's compare WordStar 5.5 Professional just released on May 15th, (It's one of your bonuses) in a head-to-head test between hard disks and floppies.

If you're using a 5¼" floppy disk based system, you'll have to tediously flip through 4 floppy disks as you write.

You'll need the System Disk, the Spelling Disk, the Thesaurus Disk and a Work Disk. And, you'll be switching constantly.

But with the hard disk, forget flipping floppies. Think of the time you'll save when you can access the Thesaurus with Ctrl-QJ, Spelling with Ctrl-QL, and you'll never load another work disk again.

You're totally protected. Trained technicians will come to your home or office in about 85% of the U.S. It's an 18 month warranty.

Plus, you'll have instant access to a wealth of power. If you're looking for a word for 'fast', touch the Ctrl-QJ keys and you'll get 'meteoric' and more than 70 other choices. I use it constantly to hone in on just the idea I want to convey.

If I had to load a disk just to check a word, I would probably just say 'fast'. So, it makes my writing infinitely better.

Spell checking is the same. It's just a keystroke away. Hard disks are great!

Now I can instantly change from program to program with a few keystrokes with this mammoth 40 megabyte drive.

So, with this hard disk that can hold up

Computer Next Page Please. . .

FREE BONUS-FREE BONUS-FREE BONUS-FREE BONUS-FREE BONUS-FREE BONUS-FREE BONUS-FREE BONUS-FREE BONUS-FREE BONUS-FREE BONUS

Work Crusher Plus REAL Bonuses

It's totally different. If you've looked at other computers, you may have noticed that some companies 'bundle' (include) unknown word processing and spreadsheets with their computers to add value. Well, look at what Top Name, Real Programs DAK has for you when you acquire the incredible Work Crusher Plus 12MHz VGA AT Compatible!

By Drew Kaplan

It's cheap. It's easy. And, for between $15 and $30, retailers can buy 'complete' software packages.

I know, I've been offered a bunch of them. Once they 'bundle' (include) them with a computer, they can say, "You'll have all the software you'll need."

But, if you're like most of my friends, you won't be surprised to know that you'll be out buying top name Word Processing programs rather quickly.

Well, not at DAK. We are making a major commitment to be your computer supplier. Just look at our bonuses.

I want to supply you with your computer and then mail you special computer catalogs every month.

So, I'm looking at you as a long term investment. You see, most other people who offer you computers must make their profit on the computer because they may never see you again.

With DAK, I'll be sending you catalogs containing all of our electronic products from now on. And, I've found over the past 25 years, that if you're a satisfied customer, you keep coming back.

LOOK AT ALL YOU'LL GET

WORDSTAR 5.5 PROFESSIONAL

With a $495 retail, WordStar 5.5, just released on May 15, 1989, isn't a likely 'bundle' for many computers.

Wait till you use its advanced page preview which lets you see 18 pages at once (now with graphics), 6 pages, 2 facing pages or a single page blown up 4X.

Every one of your pages can look great. Facing pages will match. And, your letters will always be centered top to bottom. And, Preview is just 2 keystrokes away.

There are over 300 new features and enhancements. With Windows, you can edit two documents simultaneously. You can even move copy between them.

With Pull Down Menus, there's virtually nothing to remember. (Of course,

Bonuses Continued Next Page. . .

. . .VGA Computer Continued

to 13,000 pages of text, how do you find what you want? **Easy, Enter Gofer.**

Just enter a word, a phrase, or a person's name, and you'll instantly access any work you've **ever** done. Wow!

Now, imagine a program that tells you if you use the wrong 'it's', 'their' or 'too'. Sees if you're writing in a 'passive voice'. And, ranks your writing as to grade level and legibility. The new Grammatik III $100 program I've included does it all!

VAROOOM!

Now let me make this clear. This computer is fast, very fast. It runs at 12 MHz with 1 wait state. And it will leave a standard PC in the dust by crunching numbers up to 636% faster.

Everyone's ads seem to stress speed. But, I'd like to debunk the speed myth.

Realistically, unless you're compiling programs or running massive spreadsheets, speed isn't that important.

At 12MHz, this AT is lightning fast, so I'm not crying sour grapes. But for most applications, you're only talking a split-second difference between any AT's 8, 10, or even this faster 12Mhz speed.

What's really important is compatibility, hard disk size, VGA monitors, 200 watt power supplies, 7 slot capability and keyboards. Oh, the keyboard!

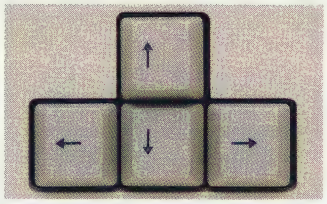
FINGER HEAVEN

Wait till you try this enhanced 101 key keyboard. Since virtually all interaction with your computer is through the keyboard, invest in the best, period!

Plus, look at this. You'll have the newest extended keyboard, which gives you separate arrow/cursor keys plus.

Virtually all programs make extensive use of arrow keys. Now you won't have to hunt for them within the number keys.

But, the thing you'll most appreciate



Just wait till you get your fingers on this keyboard's arrow keys

is the great feel of the solid sculptured keys as you type on this keyboard.

MORE THAN A PRETTY PICTURE

So, why do you need a color monitor? And, if you have color, why VGA?

Well, there are basically 4 main types of monitors. Monochrome, CGA, EGA and VGA. Monochrome is OK for basic word processing. And, it's very cheap.

CGA color monitors with color menus and help commands stand out in different colors and make work easier.

With color you can set the colors to your personal taste. And, for the easiest viewing. I prefer yellow letters with a blue background or white on blue.

It's amazing how much better your eyes feel at the end of the day if you personalize your screen. But, CGA only has 640 by 200 dots of resolution. EGA improved resolution to 640 by 350.

Enter VGA. You and your eyes will thrill to slide-like picture quality with a pallet of up to 256,000 colors.

Wow, you'll have 640 horizontal and 480 vertical dots of resolution with a .31 dot pitch with this 14" VGA monitor.

Most people don't use VGA yet because it's normally extremely expensive. But, at DAK's price it's all yours.

SO MUCH MORE POWER FOR YOU

Whether you're an advanced power computer user or investing in your first IBM Compatible, this 12 megahertz

Preview your letters and reports. Look at facing pages or up to 18 pages as above. All your pages will look great and they'll always be centered top to bottom. Preview is just 2 keystrokes away!

powerhouse is the ideal choice for now and for a long, long time to come.

It has 7 full-size slots, 4 unused. So, you'll be able to add internal modems and virtually any other card you desire.

A 200 Watt Power Supply. When you add the extra boards in this computer's slots, you'll have plenty of power to run them with this oversized power supply.

It has a 5¼" 1.2 Megabyte Floppy Drive. Forget the standard 360K floppy drives. Now, you can put about 3 times as much information on a floppy.

And of course, you can still use and interchange 360K floppies with less

FREE BONUS-FREE BONUS-FREE BONUS-FREE BONUS-FREE BONUS-FREE BONUS-FREE BONUS-FREE BONUS-FREE BONUS-FREE BONUS-FREE BONUS

. . .Bonuses Continued

traditional WordStar commands can be used as well.)

With the 200,000 word Thesaurus, and 100,000 Word Dictionary, you won't have to remember **'strong'** words or how to spell them, because they're just 2 keystrokes away. Why use 'fast', when you can say 'meteoric'? It's easy.

You'll create Columns (newspaper, snaking styles), Footnotes, Endnotes, Automatic Paragraph Alignment, Spreadsheet Insertion without Conversion (Lotus®, Symphony® & Quattro®), Line and Paragraph Numbering, Paragraph Guides, File Append, Proportional Spacing and Improved Laser Printer and Font Support.

There's even PC-Outline™ with its extensive outlining capabilities. And, more than 250 more productivity additions.

KEYMAILER

At a $149 retail price, it's a real value in powerful mailing list managers.

If you use your computer for business, or have friends, or volunteer for school work as my wife does, now you can send personalized letters to lists of people.

You can also print out telephone directories and many types of labels.

KeyMailer has a menu driven, fill-in-the-blank format that allows anyone to readily enter all required information.

In addition to the normal fields for First Name, Last Name, Title, Salutation, Company, Address, City, State, Zip and Phone No., KeyMailer provides user-specified fields for any data.

Not only can you print labels out or merge with WordStar, you can select just the names you want. Imagine sorting by Company Name, by Last Name, by Zip Code, by Phone Number and more.

Plus, you can select just the names from 'L' to 'X' if you desire. Or select just the Zip Codes from 77042 to 90069.

GRAMMATIK III

It's an English teacher in a box. Imagine a $100 program that tells you if you use the wrong 'two', 'its' or 'here'. Imagine a program that tells you when you are writing in a passive voice. Imagine a program that will evaluate the length and quality of your sentences.

And finally, imagine a program that will rate what you've written for intelligibility, and even rank it as to the grade level in which it is written.

Use it as I do to really increase your writing power. You can make all your changes easily on screen. It's phenomenally easy to use. Look at all it checks.

Passive voice, incomplete sentences, improper article usage, incorrect homonyms (here hear), redundant comparatives and superlatives, confusing sequences of noun modifiers, improper pronoun order, incorrect possessive noun conjunctions, improper use of noun phrases (quality or quantity), disagreement between noun and modifiers, disagreement between subject and verb, improper use of infinitives, split infinitives, separation of verb and its associated adverb, illegal parts of speech combinations, improper verb usage, plural adverbs, transposed letters, archaic phrases, wordy phrases, overused phrases, doubled words, capitalization errors, paragraph errors, punctuation and much more.

QUATTRO SPREADSHEET

It's from Borland, and it has a 247^{50} retail. Imagine a signpost pointing your company to success. Imagine a road map guiding your company to a bright financial future. And imagine knowing which path your business should travel.

It will all be clear with Borland's integrated spreadsheet and graphs. A spreadsheet is simply a computerized ledger book. But, because it's computerized, it's lightning fast. And, next to word processing, I think you'll find that it's the best reason to own a computer.

Lotus® was the first really good spreadsheet. And, Quattro offers direct compatibility. But, while Lotus is good, Quattro Professional is light years ahead.

It's designed for big Fortune 500 companies. Yet, it's so easy to use that even those of us (like me) without accounting degrees will easily make decisions.

Now you can calculate thousands of 'what-if?' questions and have accurate answers in seconds. You can plot the relative profits between selling 1,000 units at $3 or 5,000 units at $2.

Just plug in the numbers. Quattro will lay out your financial strategy in numbers or incredibly powerful graphics on-screen or printed out for you to study.

Mastermind dozens of different financial strategies for your business.

And, at home, calculate different mortgage rates, car payments and stock yields. Use Quattro's power to decide which 'what-if?' scenario is best for your company, division or family. It's powerful.

GOfer

It has a $79 suggested retail. Look what you can find now!

With the 40 megabyte hard drive of this computer, you can store in excess of 13,000 pages of single spaced text.

What in the world do you do when you want to **reuse** a paragraph or sentence that you wrote several months ago?

Enter Gofer. Just type a few words

Bonuses Continued Next Page. . .

sophisticated people than yourself.

Parallel and Serial Ports You'll have a serial port for a mouse or external modem. And, you'll have a parallel printer port.

Tilt Swivel Monitor Base. You'll be able to adjust the 14" VGA monitor any way you like. Note: it's important to be comfortable for serious computer use.

MS DOS 3.3 and GW Basic. It amazes me how many retailers sell computers without DOS and Basic. Well, not DAK.

Clock/Calendar You'll have battery backed up day and date.

640K RAM Plus. You'll get a full 640K of high speed 120 nanosecond RAM, upgradable to a full 1 megabyte (see below).

WRAP UP AN INCREDIBLE VALUE

There's so much more. At the office for networking or at home, this computer simply outran, outmaneuvered and overpowered every other computer I tested. With its massive 40 megabyte hard disk, and slide-like VGA monitor and on-site service, there was little competition.

Plus, it has a front panel reset button, a lock, an 80287 math co-processor socket, 8MHz-12MHz switching, and more.

ON-SITE SERVICE

You can compute with complete confidence. You'll be protected by a full 18 month limited warranty. It includes a toll free 800 Help Line for both, service center locations and hardware questions.

Plus, for most areas (see below), you'll receive actual in home or at office service. Wow! You're totally protected. Plus, there's depot service for outlying areas.

WHY SO CHEAP & WHO IS VTI

I've been testing computers and making software deals for over a year. Whenever I could buy right, I did. So, I've acquired **limited quantities** of some of the bonuses below and held them till now.

But, I have a plan. I've grown enthralled with the power of computers. So, I'm launching a **separate** computer catalog. And, if you buy one of these computers, you can expect to be inundated with my computer offerings.

Last year I sold an AT Compatible at the SAME price. It was only EGA and 10MHz and had NO on-site service.

It caused enormous problems with local dealers because of my price.

NOW, I've upgraded to WordStar 5.5 Professional, and added Grammatik III.

This new improved computer is made by VTI, a 9 billion dollar company (wow) that's been in business over 103 years.

It's everything I could personally want in a computer. Plus, by just using their initials, they won't get harassment from dealers. But, you'll get the quality and support from the best company and the best computer I've ever offered.

WORK CRUSHER PLUS RISK FREE

Wait till you write on this computer. You'll find that words and thoughts explode on the screen in vibrant, phenomenally sharp 640 by 480 VGA colors.

If you're not 100% thrilled, simply return it to DAK in its original box within 30 days for a courteous refund.

To order VTI's incomparable 12-MHz AT-Compatible Computer Complete with 40-Megabyte Hard Drive, 1.2-Megabyte 5¼" Floppy Drive, VGA Monitor with Tilt Swivel Base, DOS and GW-Basic plus all DAK's Bonuses described below including **On-Site Service,** don't send the suggested $6,886 price. Don't even send my 'best guess' discount street price of $3,582[80]. Send DAK's incredible breakthrough price of just **$1,999** ($69 P&H). Order No. 5431. CA res add tax.

Whether you write, run spreadsheets or create graphic presentations, if the power of this computer releases half the creativity within you that it has within me, it will easily be the best investment in equipment either of us has ever made.

- - - - - - - - - - - - - - - - - - -

MEMORY BREAKTHROUGH OPTION

If you're going to run massive programs and have need of the full 1 megabyte capability of high speed 120 Nanosecond RAM, here's an incredible price of just **$99** ($0 P&H). It must be acquired with the Work Crusher. Order No. 5432.

- - - - - - - - - - - - - - - - - - -

$149 FAX BASHER OPTION

Imagine receiving and sending faxes right from your computer. Well, now it's easy. You can forget crummy thermal paper, you'll use your own printer.

In fact, you can forget printing at all. You can read faxes on-screen and send faxes without ever printing them out. It's easy. It's a $399 value, on sale at DAK for just $199. But, if you acquire this computer at the same time, it's yours for just **$149** ($4 P&H). Order No. 5170.

Why not flip a few pages forward. You'll see the full story about the incredibly automated "Fax Basher".

IBM PC, XT and AT are registered trademarks of International Business Machines.

DAK INDUSTRIES INC.

Call Toll Free For Credit Card Orders Only
24 Hours A Day 7 Days A Week

1-800-325-0800

For Toll Free Information, Call 6AM-5PM Monday-Friday PST

Technical Information. . . .1-800-888-9818
Any Other Inquiries. 1-800-888-7808
8200 Remmet Ave., Canoga Park, CA 91304

FREE BONUS-FREE BONUS-FREE BONUS-FREE BONUS-FREE BONUS-FREE BONUS-FREE BONUS-FREE BONUS-FREE BONUS-FREE BONUS-FREE BONUS-FREE BONUS

. . .Bonuses Continued

that you recall from the letter and Gofer will dive into your files and retrieve just the section or the document you want.

You'll instantly have just the section you want. You won't have to leave WordStar to retrieve copy. Just touch a key, and look at the window on your screen to see and automatically retrieve any work you've **ever** written before.

KEYCHART

Here's one of the best graphing programs ever. It has a $149 retail price.

A graph is easily worth a thousand numbers. Keychart will let you type in numbers and give you superb graphs.

If you're like me, raw numbers on a page simply aren't as meaningful as an exploded pie chart. Look at all the ways you can clarify what you mean!

You can make Bar Charts, clustered Bar Charts, Stacked Bar Charts, Horizontal Bar Charts, Line Charts, Combination Bar and Line Charts, Pie Charts, Multiple Slice Exploded Pie Charts, Scatter Plots, Combination Line and Symbol Charts, X-Y Charts (Business & Scientific Formats), High-Low-Close-Open and Volume Stock charts, Area Fill Charts, Regression Analysis charts, Log-Log and Semi-Log charts, Text Plots, Combination Chart and Text Plots.

All these charts may look complicated, but they're really easy to make. There's a standard template menu and all you do is fill in the blanks to get real impact.

PC PAINTBRUSH

It's a remarkable graphic design studio for your computer. It's from Zsoft and it's an $89 value. Just 'click' to create.

Use the included mouse to make circles, squares and lines. Change a pattern or a line width. Add a heading with, say 36 point Roman typeface. Rotate or zoom in on a portion of your drawing. Tilt it. Shrink it. Expand it. Or, flip it.

ON-SITE SERVICE FOR YOUR WORK CRUSHER

If you live in any of the cities or towns below, your Work Crusher is covered by the 18-month, in-house warranty.

Plus, if you live in a suburb of those cities (or within 100 miles of them), it's almost certain you're covered. Not sure if your city or town is covered? Simply give us a call, toll-free at 1-800-888-0906 and we'll double-check for you.

ALABAMA-Birmingham, **ARIZONA**-Phoenix, Tucson, **ARKANSAS**-Little Rock, **CALIFORNIA**-Costa Mesa, Culver City, Montebello, Sacramento, San Bernardino, San Diego, San Francisco, Union City, **COLORADO**-Denver, **CONNECTICUT**-Hamden, Wethersfield, **FLORIDA**-Ft. Lauderdale, Jacksonville, Melbourne, Orlando, Pensacola, Tampa, **GEORGIA**-Atlanta, Augusta, Savannah, **IDAHO**-Boise, **ILLINOIS**-Champaign, Rosemont, Springfield, Wood Dale, **INDIANA**-Gary, Indianapolis, **IOWA**-Cedar Rapids, Des Moines, **LOUISIANA**-Alexandria, New Orleans, **MARYLAND**-Laurel, **MASSACHUSETTS**-Burlington, **MICHIGAN**-Detroit/Edison, Lansing, Midland, Troy, **MINNESOTA**-Minneapolis, **MISSISSIPPI**-Jackson, **MISSOURI**-Kansas City, St. Louis, **NEBRASKA**-Omaha, **NEW JERSEY**-Mt. Laurel, West Caldwell, **NEW YORK**-New York/Downtown, New York/Uptown, Plainview, Syracuse, **NORTH CAROLINA**-Charlotte, Raleigh, **OHIO**-Cincinnati, Cleveland, Columbus, Dayton, Marion, **OKLAHOMA**-Oklahoma City, Tulsa, **OREGON**-Portland, Salem, **PENNSYLVANIA**-Allentown, Harrisburg, Pittsburgh, **RHODE ISLAND**-Lincoln, **SOUTH CAROLINA**-Charleston, Greenville, **TENNESSEE**-Chattanooga, Knoxville, Memphis, Nashville, **TEXAS**-Dallas, Ft. Worth, Houston, Lubbock, Temple, **UTAH**-Salt Lake City, **VIRGINIA**-Norfolk, Richmond, Roanoke, Springfield **WASHINGTON**-Olympia, Richland, Seattle, Spokane, Tukwila, **WISCONSIN**-Green Bay, Milwaukee.

You can paint in VGA with a virtually unlimited pallet of colors.

And, everything from patterns and shapes to geometric and freehand drawing is just a click of your mouse away.

You don't have to be an artist or an architect to turn your PC into an oasis of creativity. Now you can effortlessly create drawings and polished presentations.

DAKGRAF

Now you can create powerful graphs almost instantly. It's $49[90] from DAK.

While Keychart is sophisticated, DAK-Graf will let you create Pie, Line or Bar graphs with virtually nothing to learn.

Get great looking graphs on screen or print them out, with nothing to learn.

BANTASTIC

Here's a $49[90] DAK banner program. Now you can make banners for birthdays, anniversaries and office parties.

Print in two type styles on virtually any printer with 1, 2, 3 or 4 lines of copy. You'll be making banners in minutes.

NEW LOGITECH MOUSE

It's a $79 value. You'll find utilities that let you use your mouse with many programs. You'll want to use a mouse for everything from WordStar to spreadsheets to PC Paintbrush.

Logitech's mouse is a serial mouse. Just plug it into your serial port and get ready for super productivity.

You'll find that a mouse added to your keyboard will make your work infinitely easier in lots of programs.

IT'S ALL FREE FOR YOU

It's all **YOURS FREE** when you acquire The 12Mhz VGA Work Crusher Plus.

Rip-Off Artist

Lift a photo, logo or drawing and transfer it into a report, manual or article. Grab a sales chart, graph or map and slip it into a proposal, term paper or newsletter. You can even scan your signature and instantly personalize notes, memos or letters in the blink of an eye. It really works!

By Drew Kaplan

It's exciting. Imagine lifting a photo and putting it into your company newsletter. Imagine snatching a diagram of the human heart for a biology term paper. And, imagine heisting a comprehensive national sales chart for your weekly purchasing report.

With this awesome new scanner, you can 'lift' almost any graphic piece of art, photo or text, modify it to your exact specifications and place it into anything you write.

Just let your creativity go wild. You'll easily create super-charged documents that burst to life with amazing graphics.

PICKPOCKET PUBLISHER

It's really incredible. There's no limit to the neat things you can do with this amazing easy-to-use hand scanner.

You can grab a picture of the company president and instantly place it on brochures, business correspondence or handbooks. You can create unique Christmas cards with your family's picture right on them.

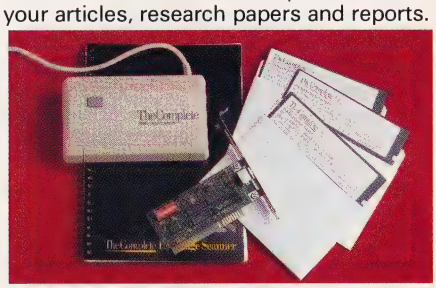
Now scanning your signature and placing it on hundreds of personalized letters is a breeze.

You can copy drawings, photos and artwork out of encyclopedias, trade journals and almanacs for your club newsletters.

And, your children can turn in A+ term papers complete with illustrations and diagrams that were never possible before.

And, look at this. You can even scan your own signature to add a truly personalized touch to hundreds of your thank-you notes and fund-raising letters. It's a must if you do multiple business mailings.

Plus, if you're a student, wait till you lift complicated illustrations of the human anatomy, or a map of Boston or even an electronics schematic and easily add them to your articles, research papers and reports.



Everything you need to quickly scan diagrams, photos and drawings and copy them into your reports, proposals and documents is included.

Note for Desktop Publishers: If you're into desktop publishing, the Rip-Off Artist is a great way to create your own library of personalized clip art. Now, if a friend or an associate creates a piece of clip art, you can easily incorporate it into your own work.

Plus, you can revise your snatched graphic any way you like. You'll be able to rotate it, magnify it, crop only the part you want, erase any area of the image and print it out.

It's fast. It's easy. And, the results you'll get are incredibly impressive. **Note:** It's against the law to reproduce copyrighted material.

ATTENTION FAX CARD OWNERS

If you have a fax card in your computer, now your faxing abilities are virtually unlimited. This hand scanner will incorporate reports, memos, letters, cancelled checks, signatures, photos, or anything you can think of.

Then, you can fax your scanned images quickly and effortlessly anywhere.

RIP-OFF ARTIST INTERROGATED

The Rip-Off Artist uses the latest scanning technology. It bounces light off the page you're scanning and precisely measures how much light comes back.

The built-in CCD (Charged-Coupled Device) in the scanner sends the signal back into your computer where it's instantly translated into a graphics file.

You can change or adjust the contrast or resolution of your image (up to 200 dpi). And, you can increase or decrease the grayscale contrast of any image you grab.

So whether the image you're heisting is black and white, or in color, you'll always capture a great-looking black and white copy.

Once you've scanned an image, you can incorporate it into any good word processing and desktop publishing program like Wordstar, PC Paintbrush, Microsoft Word, GEM Desktop Publishing, WordPerfect (5.0+), MultiMate Advantage II, PageMaker, Dr. Halo and Windows Paint.

PUT IN THE KEY AND START IT UP

Simply slip the Rip-Off Artist into an expansion slot of your IBM PC, XT, AT or compatible computer with standard Hercules, CGA, EGA, or VGA graphics and at least 512K of memory. It's really easy. The manual takes you through every step of the way.

Whatever you capture you can quickly and easily manipulate with the SmartScan Software. You'll be infusing your reports, newsletters or any document with graphics, text and even signatures in minutes.

And, the Rip-Off Artist is compatible with virtually all dot-matrix and HP LaserJet II or compatible laser printers.

It's backed by The Complete PC, Inc. with their standard limited warranty.

BE A RIP-OFF ARTIST RISK FREE

Forget cutting up drawings and artwork and pasting them onto a layout. Forget trying to trace maps and graphs. And, best of all forget dull, boring documents.

Now just pass the 4" wide hand scanner over anything you want and you'll captivate your readers with stunning graphics.

You can even make two passes on a long document and easily connect them together with the SmartScan software.

If you're not 100% thrilled, simply return it to DAK in its original box within 30 days for a courteous refund.

To order your Complete PC Half Page Scanner with expansion card and the SmartScan Software for combining and editing images risk free with your credit card, call toll free or send your check not for the $299 suggested retail price, but for DAK's limited Blow-Out price of just **$129.90** ($6 P&H). Order No. 5355. CA res add tax.

A graphic is truly worth a 1,000 words. And now, with the Rip-Off Artist, you can instantly add the visual impact of dramatic photos, descriptive drawings and concise charts to all your reports, proposals and anything you create with your computer.

IBM PC, XT and AT are registered trademarks Of International Business Machines.

DAK INDUSTRIES INC.

Call Toll Free For Credit Card Orders Only
24 Hours A Day 7 Days A Week

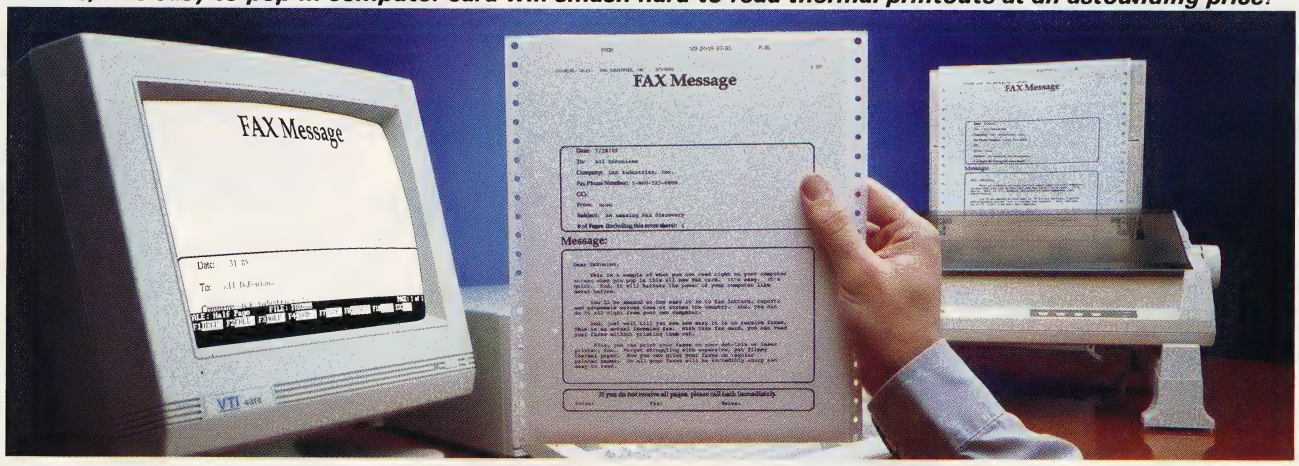
1-800-325-0800

For Toll Free Information, Call 6AM-5PM Monday-Friday PST

Technical Information.....1-800-888-9818
Any Other Inquiries.....1-800-888-7808
8200 Remmet Ave., Canoga Park, CA 91304

FAX Basher *USES YOUR PRINTER*

Blast expensive, dedicated fax machines. Now you can harness the power of your own PC for the best automated faxing ever. Plus, this easy-to-pop-in computer card will smash hard-to-read thermal printouts at an astounding price!



Infuse your computer with the added power to send and receive fully-automated, razor-sharp faxes. And, just look at the quality. On the screen is an unretouched photo of an actual incoming fax. And, that's the same fax printing out, on regular paper not thermal, on a standard dot-matrix printer.

By Drew Kaplan

Picture this. You've just finished writing a proposal on your computer. Enter a few keystrokes. And, it's instantly faxed to your client, customer or office.

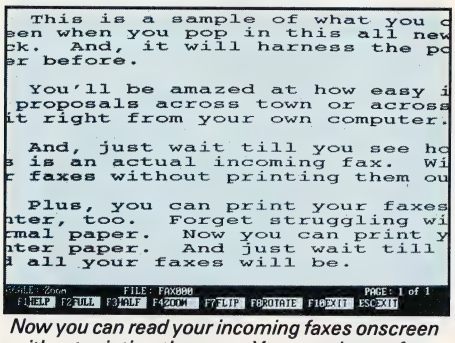
Or, you're working on a sales report. But, you need some last minute figures. While you work, you hear a beep and without interrupting you, the figures appear on **your dot-matrix or laser printer.**

Now, picture using your PC to effortlessly send and receive letters, purchase orders, manuscripts and reports **with or without even having to print them out.**

FAX MACHINES MADE OBSOLETE

Fax machines are great. They're quicker than the mail. And, they can save you a ton of money on overnight couriers.

The problem is they're very expensive. A good, **fully-automated** machine that you don't have to feed one page at a time, can cost you $3,000 to $4,000.



Now you can read your incoming faxes onscreen without printing them out. You can choose from full-page, half-page and zoom display (shown above). It's fast. It's easy. And, all your private faxes will remain completely confidential.

But, with the Fax Basher, we can all easily afford the convenient lightning quickness of totally automatic **unattended** faxing.

You see, a fax machine is really a computer programmed to do only one thing—send and receive faxes. Period.

But, the Fax Basher is a pop-in computer card. It gives your computer the added ability to send and receive faxes.

Plus, it works in your computer's background. So, it won't affect your other programs. You can receive and send faxes while you work on other, more important projects.

With the Fax Basher and your computer, you can send and receive faxes easier than any fax machine I've ever seen.

The Fax Basher automatically receives incoming faxes and stores them on your hard disk. A short beep and a flashing red 'flag' in the lower left-hand corner of your screen signal you've received a fax.

Unlike fax machines which use expensive, yet flimsy, thermal paper that curls when you try to read or **write on it,** you'll be using your printer's normal paper at your printer's normal graphics speed.

Now, your faxes will be sharp, have high contrast and be easy to read. And, they'll never fade like thermal printouts.

And, you'll love the Fax Basher's confidentiality. You can view your faxes right on screen. It's quick. It's convenient. **And, your private faxes always remain private.**

Auto-answer lets you receive faxes even when you're not there. Use your normal phone line (you can still use it for voice calls) or use a dedicated line.

FAX ANYWHERE INSTANTLY

Now you can instantly fax ANY document you write. The Fax Basher converts text into faxes from WordPerfect, WordStar, Microsoft Word, ASCII or any Epson FX-compatible word processor.

You can also send graphics from programs like PC Paintbrush+, Microsoft Windows Paint and FX compatible graphics.

Plus, the Fax Basher is scanner-compatible. Use an optional page or hand scanner to input maps, invoices or charts.

AUTOMATIC SENDING IS A CINCH

The included software is powerful. Send faxes immediately from your keyboard, using the autodial directory or keying manually. You don't even need a phone. Or, program it to send your faxes to multiple people at multiple times. It's great for sending faxes at night when phone rates are much cheaper.

Plus 'polling,' usually found on multi-thousand dollar machines lets people dial your computer to get their faxes.

And, since you're sending an original fax generated by your PC (instead of only a scanned copy) your faxes will be infinitely sharper than any sent by a fax machine.

Plus, because there's no paper to feed in, there's no jamming. And, you'll never have to 'baby-sit' a 5-20 page fax again by feeding in one page at a time.

SIMPLE SET-UP

If you're like me, the thought of opening up your computer and putting something inside might seem a little scary.

But, computers are made to be opened. They have expansion slots inside. Simply pop the Fax Basher into any of your computer's expansion slots. Then, plug the included modular cord into any phone jack.

It plugs into IBM PCs, XTs, ATs or Clones that have expansion slots and hard drives and use DOS 3.1 or higher. It's also compatible with the IBM PS/2 Model 25 and 30.

You'll also need a graphics-compatible monitor (CGA, EGA, HERC or VGA), a graphics-compatible printer (most printers are) and at least 512K of memory.

The Fax Basher is 4800 baud and compatible with all Group III (the industry standard) fax machines. It's backed by a standard limited warranty.

BASH FAX MACHINES RISK FREE

Imagine sending and receiving faxes right at your desk. Imagine high-quality fax printouts from your dot-matrix or laser printer on easy-to-read **plain paper.**

And, imagine faxing multiple pages to multiple people at multiple times.

If you're not 100% thrilled, simply return it to DAK in its original box within 30 days for a courteous refund.

To order your Fax Basher with Complete Background Operation, Pop-Up 'Hot Key' Window, Automatic Personalized Cover Sheets, Auto-Dialing Directory, Programmable Transmission and Automatic Redial with your credit card call toll free or send your check, not for the manufacturer's price of $399, but, for DAK's price of **$199** ($4 P&H). Order No. 5169. CA res add tax.

Work Crusher Bonus. Order one Fax Card along with a Work Crusher Computer and it's yours for only **$149** ($4 P&H). Order No. 5170. CA res add tax.

Demolish hard-to-read thermal paper. Clobber exorbitantly-priced fax machines. With the Fax Basher you'll use your computer to wield more fax power than a $3-4,000 fax machine, for a fraction of the cost.

IBM is a registered trademark of International Business Machines.

IT REALLY WORKS!

5 Minutes to Homemade Bread

Now you can effortlessly make wholesome, preservative free, great smelling homemade bread. In less than 5 minutes you can literally dump in the flour and other ingredients. EVERYTHING else is done for you automatically.

By Drew Kaplan

My secret is out. Like the presidential candidates I really feel I ought to confess.

Like many young men, before I was married, I'd bring my dates home. 1st, I'd show them my stereo system (very impressive). Then I'd show them my video equipment.

But no matter what I showed them, nothing ever impressed my dates as much as my ability to make homemade bread. And oh, what bread I made.

My masterpiece was an Onion Dill Bread. It even had sour cream and cottage cheese in it. But, it took me hours to make. (Read on for the recipe.)

Well, if I had owned one of these all new, totally automated breadmakers, who knows how many dates I might have had.

5 MINUTE WONDER

You don't need to know a thing. If you've ever made homemade bread, you know that you normally have to carefully mix the ingredients and then knead the dough. Then you have to let it rise. Then you have to knead it again.

Then it has to rise again. And finally, **if all has gone well**, you can put it in the oven and let it bake. It takes forever.

Well, no more. Now you can simply dump the ingredients into the Auto Bakery, turn it on and walk away. It then does everything automatically **including bake**, and signals you when it's finished.

You can forget being tied to the kitchen. Forget remembering to knead and punch down your dough. Forget keeping it temperature controlled. And especially forget the normal mess of scratch cooking.

Now you'll have fresh baked bread effortlessly. Just spend 5 minutes dumping in the ingredients, and over the next 4 hours the Auto Bakery will do everything else for you automatically.

SPROUTED WHEAT TO SQUAW BREAD

Sure you can make white bread. And, it's so fresh, your taste buds will drag you into the kitchen.

But wait till you see the fun you'll have and the accolades you'll get for the exotic, frustration free gourmet breads, you'll be able to now make.

Imagine how healthy and great tasting whole wheat bread with sprouted wheat can be. In squaw bread you'll have the richness of raisins, honey and 3 kinds of flour. (It's really easy.)

You don't need a green thumb or anything. If you can read, you can make the most exotic breads. In fact, with the Auto Bakery, you get 50 of the Kaplan's favorite bread recipes. They're great!

Anyway, just dump in the ingredients. You don't need to know anything about yeast, gluten or any of the complicated things that have always made breadmaking the territory of sophisticated cooks.

Now, my 9 year old son (a chip off the old block) can make just as good bread as I can. This machine is incredible.

We've made tomato juice bread. And we've enjoyed orange juice bread with orange peel. Our kids simply love fresh cinnamon bread for breakfast.

It's great for diets. OK, you can make chocolate cinnamon bread if you want. But, I'm always on a diet.

Now I can enjoy a wedge of whole wheat goodness **with fiber** without ruining my diet. I can put in just the ingredients I want. And, it will be the purest, most wholesome bread I can get.

So, I can have all the healthful goodness without spending hours kneading dough. Now, we all can enjoy the benefits of warm from the oven, homemade bread.

DISCOVERED IN JAPAN

I was in Tokyo on an electronics buying trip. I was fortunate enough to be invited to the home of a good supplier.

That's where I first saw this bread making wonder in action. I absolutely had to have one.

But, nobody had brought it to the U.S. And when I found the manufacturer, they thought it would be great for rural people who already made bread.

Boy were they wrong! Rural people already put more emphasis on homemade goodness. It's us hard working city folks who can only hunger for the fresh goodness of real homemade bread.

MOM VS. THE MACHINE

But, is it as good? We've made over 100 loaves of bread in the Kaplan test kitchens. And, my mother makes homemade bread all the time.

She thought the Auto Bakery would only be good for simple white flour breads. Boy, was she in for a surprise!

In fact, she was so sure it couldn't be done, that the first time she made a heavy Squaw Bread, she made it both ways.

She made one loaf the old-fashioned manual way. And, she made the other in the Auto Bakery.

Here's my mom valiantly trying to outdo the Auto Bakery.

She was astonished by the rich texture of the bread from the Auto Bakery. And, I now have her signed testimonial that there was absolutely no difference between the loaves.

. . .Next Page Please

. . .Homemade Continued

Well, there was one difference. She spent about 1½ hours on the manually made bread and less than 5 minutes making the bread in the Auto Bakery.

So, if you have the time, you can knead dough for hours. Or, you can simply dump the exact same ingredients into the Auto Bakery and serve your family (or dates) the best bread you've ever tasted.

FEAR OF BAKING

The Auto Bakery is really forgiving. We've deviated from our recipes by as much as 20% and it simply doesn't seem to make any difference.

In fact, my 9 year old left out 1/2 cup of flour when he made an oat bran bread (a family favorite) and it was still perfect.

And, look at this. There's almost no premixing required. So, forget mixing bowls. Forget complicated instructions.

No matter which bread you make, you can get the ingredients right from the boxes and bags. Just use a measuring cup to dump them into the Auto Bakery.

It's so easy that if you're like my family, you'll be trying a great-tasting, wholesome new bread virtually every day.

So, you'll only have to spend 5 minutes to make the bread. Then, let the Auto Bakery spend the next 4 hours freeing you from drudgery.

There are just 3 pieces to rinse and you're ready to make your next loaf. You can see them in the first picture below left. You'll rinse the dough hook, the dough paddle and the 1½ pound cylindrical baking pan. It's fast and easy.

The Auto Bakery has a built in timer. So, you can dump in the ingredients and have fresh bread up to 12 hours away. It's marvelous to wake up at 7AM to the fragrant aroma of freshly baking bread.

PERFECT DINNER PARTIES

Imagine the pleasure guests will experience when they try your latest herb bread. Add whole grains, dried fruit, nuts, vegetable purees or even pepperoni.

Whenever you entertain, guests will be amazed and thrilled when you serve the most exotic and healthy breads. And who better to entertain than your family?

I can't overemphasize how easy it is to make bread with this revolutionary new machine. It's simply amazing.

HERE'S HOW IT WORKS

You may only spend 5 minutes dumping in your bread fixings. But the powerful computer brain (Yes, it's registered as a Class B computing device.) will spend the next 4 hours preparing perfect bread.

Inside its uniquely engineered cylindrical 1½ pound non-stick baking pan, you'll find a dough paddle. When you first turn it on, this powerful dough paddle mixes the ingredients.

After about 15 minutes, it stops and allows the dough to rise. It's important to note, that unlike conventional methods, you don't have to worry about room temperature because it's totally controlled by the onboard computer.

After the bread has been allowed to rise for about 30 minutes, it is kneaded again. This second kneading is very important because it causes the dough to become elastic for great texture.

After its second kneading, the dough is again allowed to rise. Finally, after a slight forming knead, the heating element comes on to full power and the bread is perfectly baked.

You'll have the best crust ever with this bread because the heating element is wrapped around the cylindrical pan.

There's even a crust crisping control so that you can exactly match the computer to your own personal taste.

Finally after the baking is complete, a ventilator removes excess moisture from the bread. At this point you may remove your masterpiece and enjoy.

The best part. You can watch the entire process through the clear dome.

Just touch 'Start'. LEDs show you exactly what's happening.

Just look at the pictures below. First, you'll see the waiting cylindrical baking pan with its dough hook and paddle.

In the second picture, you'll see how I dumped in the flour and other ingredients.

In the third picture you can see what the soon-to-be dough looks like. And finally, in the fourth picture, you can see just what the bread looks like when it's ready to remove and eat.

Watching the process is fascinating. Whenever bread is cooking, you're sure to find at least one of our family members sneaking in for a peek.

And when we have company, guests simply shake their heads in disbelief. I think they are most surprised that **it actually bakes the bread** after it kneads it.

You ought to see their faces as they see this revolution in breadmaking go into action for the first time.

WHY DAK

After 22 years in electronics, DAK has a great deal of clout with our suppliers. The Auto Bakery and (several other top products) will now proudly carry the DAK brand name. While we didn't invent the Auto Bakery, we wanted it in this country.

And, although we can't mention the actual manufacturer, they are mammoth in everything, from computers to kitchen appliances, to audio and video equipment.

You can be assured that I won't put the DAK name on any product that I don't think is a best, best ever. The Auto Bakery is backed by DAK's 100% satisfaction guarantee and DAK's limited warranty.

SAMPLE KAPLAN MASTERPIECE

Here is my famous (or infamous) Onion Dill Bread. It's worked for me for nearly 20 years. And, my mother's squaw bread recipe and lots more are in our Cookbook.

You'll prepare everything from beer bread, to cheese bread, to french bread, to graham flour bread and much more. Oh yes, you can also prepare the dough for rolls, bagels, croissants and other baked goods, but I like the breads best.

DREW'S ONION DILL BREAD

It's really easy. Just dump the following into the Auto Bakery and come back when it's finished. 1 Package of yeast, 3-1/3 cups of flour, 1/4 cup warm water, 3/4 cup each of cottage cheese and sour cream, 3 tablespoons each of sugar and minced onion, 1½ tablespoon each of butter and dill seed, 1½ teaspoon of salt, 1/4 teaspoon of baking soda, and 1 egg.

THE AUTO BAKER RISK FREE

Wait till you experience freshly baked bread. You'll savor the aroma. You'll savor the taste. And, your body will savor the homemade healthful goodness.

If you aren't 100% thrilled with the recipes or the fun of watching it work, simply return it in its original box within 30 days to DAK for a courteous refund.

To order DAK's Auto Bakery Computer Breadmaker complete with unique non-stick cylindrical pan, easy to follow 'plug-in and bake' instructions, plus the Kaplan 50 Best Recipes, risk free with your credit card, call toll free or send your check for DAK's direct shaking and baking price of ~~just $279~~ ($14 P&H). Order No. 4975. CA res add tax.

For thousands of years people have had to knead bread. Now, for the first time ever, the taste, the aroma and the goodness can effortlessly be yours.

PRICE SLASHED NOW JUST $199

Use Order No. 4975. Plus ($14 P&H)

We've made a massive buy and blasted the price. Plus, we have a new EXPANDED 58 recipe cookbook. You should see all of the "**it's great**" letters I've received from happy bread bakers. Try one risk free.

Protect yourself and your family when you drive with Maxon's distant early warning systems.

Forget 'accidental' radar tickets. Forget astronomical insurance rates. And, forget exorbitantly-priced radar detectors. With Maxon's trio of superheterodyne radar detectors, You can be a safer driver for as little as $79.90.

Meet Maxon's RD-1 (left), RD-XL (top) & 'Radar Challenge Champ' RD-25 (right).

We Finally Did It!

The Radar Challenge is over. And, Cincinnati Microwave won't be accusing us of advertising gambits or selling cheap imports. You can get the scoop on who won and who lost in the special 8-page radar report. But first, read all about three of Maxon's test-proven radar detectors that can help you be a safer driver.

By Drew Kaplan

The Radar Challenge is over. And, I think we've proven that Maxon's radar detectors are as good as Escort and Passport.

Based on the results of his exhaustive testing, independent radar expert John Tomerlin voted Maxon's RD-25 (pictured top right) 'the best buy' among all of the radar detectors he tested.

Tomerlin concluded that overall, the RD-25 sounded 'Continuous' and 'Full Alert' sooner than Passport. And, in the straightaway tests against K-band radar, it signaled its 'Full Alert' at a whopping 8,388 feet.

When you consider that the radar gun didn't lock on until 970 feet, at 65 mph, that's over a full minute of warning time, against K-band radar.

And, look at this. According to Tomerlin, all of Maxon's radar detectors 'demonstrated ample sensitivity to K and X-band radar.'

Note: If you'd like an extra copy of the complete report on the Radar Challenge, write to:

DAK Radar Challenge
8200 Remmet Avenue,
Canoga Park, CA, 91304

Maxon's incredibly accurate, **test-proven** radar detectors are one of the easiest and most inexpensive ways to protect yourself, and your family, when you drive.

What makes Maxon so good? Read on.

SUPERHETERODYNE EXPLAINED

Superheterodyne technology is what catapults Maxon's radar detectors to the head of the radar detector pack.

A specially-designed circuit tests each suspected radar signal 4 separate times before it notifies you. And yet, it bursts into action in just 1/4 of a second (1/10 of a second for the RD-XL Micro-Trouncer).

These long range early warning systems have all the bells and whistles. They even have separate audible warnings for X and K-band radar. And, that's important to know because you often have less time to react to K-band radar than X-band radar.

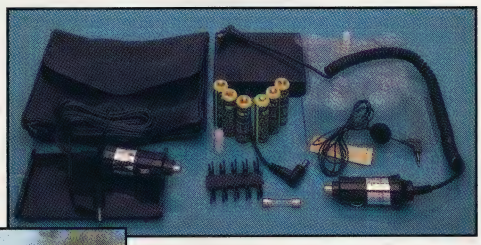
All of Maxon's radar detectors use LED bar graph meters to accurately show you the incoming radar signal's strength.

Unlike VU meters that use a needle to indicate signal strength, LED bars are so easy to read that you can monitor them with your peripheral vision, without taking your eyes off the road in front of you.

Plus, it's incredible protection. Maxon's dual conversion scanning superheterodyne circuitry really ferrets out radar signals.

And, you won't be bothered by annoying false alarms. The 4 test check system virtually eliminates erroneous non-stable signals from other detectors, burglar alarms, garage door openers, electronic doors and microwave radio transmitters.

So, when the LED bar graphs and X or K-band sounds explode into action, take care and check your speed. There's very likely police radar operating nearby.



You'll have everything you need to easily mount your detector on the dashboard or visor. Plus, the RD-25 and RD-XL come with windshield mounts for greater sensitivity.

THE TRUTH ABOUT RADAR DETECTORS

Let's be honest. Today's well-made radar detectors are very similar. They all give you more than enough radar warning. **What it really comes down to is price.**

In Mr. Tomerlin's tests, Passport did a little better at 'First Alert,' (which is more likely to be a false alarm). The RD-25 did better at 'Continuous' and 'Full Alert' (which are more likely to be a true radar signal). So, why pay more for less protection?

Maxon radar detectors come in three different sizes. First is the RD-1. It measures only 1½"H. x **3½"W.** x 4¾"D. (Compared to Escort's 1½"H. x **5¼"W.** x 4⅝"D.)

If you want a smaller radar detector, the **'Radar Challenge Champ'** RD-25 is just 1½"H. x 2⅞"W. x 4½"D. and comes complete with a special windshield mount and two power cords (one coiled and one straight).

Radar Note: No matter what radar detector you use, in most cases, you'll get better sensitivity if you mount your detector at least 6 inches above the dashboard.

Read all about the best place to mount your detector in the special radar section.

If you want to forget about power cords, then choose the RD-XL Micro-Trouncer. This ¾"H. x 4½"W. x 3¼"D. radar detector is so compact it fits in your shirt pocket for easy portability from car to car. (Passport is a little smaller at ¾"H. x 2¾"W. x 4½"D.)

With its included portable battery power pack (it runs on 6 **included** AA Ni-Cad rechargeable batteries), you'll 'cut' the radar cord for added convenience.

You'll also have Volume and City/Highway sensitivity controls. Plus, the RD-XL Micro-Trouncer has 'Mute' for silencing the alarm without adjusting the volume and a 'Dark' switch for night driving.

All of Maxon's radar detectors are backed by Maxon's standard limited warranty.

Special Note: The use of radar detectors is illegal in some states. And, speeding is dangerous. Use your radar detector to keep you and your family safer, not to get away with speeding.

BE A SAFER DRIVER RISK FREE

With Maxon's test-proven radar detectors, you can save money in speeding fines, avoid higher insurance rates and, if you slow down, you may even save lives.

If you're not 100% satisfied with the peace of mind you'll have, simply return your radar detector to DAK in its original box within 30 days for a courteous refund.

To order your Maxon RD-1 (pictured at top left) Dual Superheterodyne, Anti-Falsing Radar Detector with power cord, dashboard and visor mounts risk free with your credit card, call toll free or send your check for DAK's special price of just **$79.90** ($4 P&H). Order No. 4407. CA res add tax.

An optional suction cup windshield mount with extra coiled power cord for better radar signal sensitivity is just **$5.90** ($2 P&H). Order No. 4800.

To order your **'Maxon Radar Challenge Champ RD-25'** (pictured top right) Dual Superheterodyne, Anti-Falsing **Mini** Radar Detector complete with 2 Power Cords, Windshield Suction-Cup Mount, Dash and Visor Mounts for just **$99.90** ($4 P&H) use Order No. 4883.

To order your Maxon RD-XL Superheterodyne **Micro** Radar Detector (pictured top middle) with Mute, Dark Switch, 4 Second LED Meter Hold, Cordless Battery Operation (**6 AA Ni-Cad Batteries included**) with Windshield, Dash and Visor Mounts and 2 Power/Charging Cords for DAK's market-breaking price of just **$149.90** ($6 P&H) use Order No. 4884.

The Challenge is over. You can read the entire report in the special radar section that begins on the opposite page.

And, while price wasn't an object in the test, you can almost afford to buy three of Maxon's RD-25 radar detectors for the price of one Passport! Wow!

Car Pollution Shield

Annihilate smog, pollen and pollution from inside your car. Blast millions of pollutants out of the air and away from your lungs. Whether you're driving through the Dust Bowl, Pollenville or Smog City, you and your family can breathe cleaner air.

By Drew Kaplan

It's everywhere. It's pouring through your open windows. It's seeping into your car's vents. And, it's even oozing through your air conditioning. It's air pollution.

Sure, you can close your windows, but all cars are vented. Pollution easily infiltrates into your cabin. Remember the last time you drove behind a bus or a diesel truck. Yuk!

But, now you can breathe cleaner, healthier air every time you sit in your car. Protect your family with a pollution-repelling shield. And, fight dangerous highway smog.

But, before we discover how, let's examine exactly what we're breathing.

CRISIS IN THE AIR

It's horrifying. According to the South Coast Air Quality Management District in Southern California, **air pollution inside of cars on a congested highway is four times higher than outside of cars. Plus, they discovered air pollutants inside your car actually increase when traveling less than 25 mph.**

Now imagine all the hours you spend each day on the street, on the highway or sitting in traffic jams breathing those poisonous exhaust fumes.

We filled this bell jar with cigarette smoke. In less than 18 seconds, the Car Pollution Shield cleaned the air. Now imagine what it can do to smog, dust and even pollen in your car.

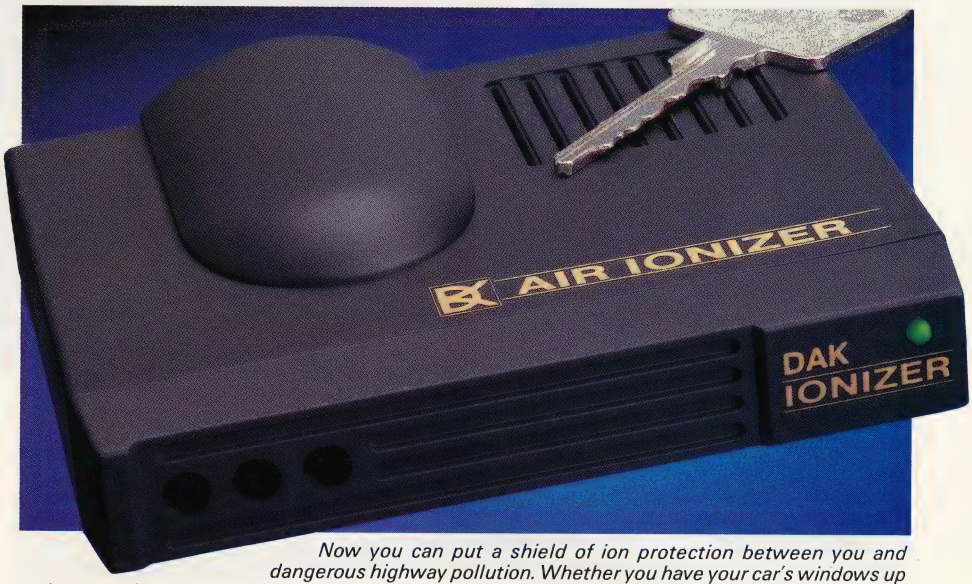
And, although dust may sound harmless, it can bond to dangerous poisons like dioxin, asbestos and arsenic. These particles are smaller than 1/1000 of an inch and can lodge themselves permanently in your lungs.

But, now you can fight back. Cleanse your car's air. And, protect your family from unseen dangers. Here's how.

POLLEN, SMOKE AND MORE

Now you can blast pollution out of the air. Now you can breathe ocean-fresh air whether your windows are up or down. And, now you can create an impenetrable ion force field between your family and smoke, smog and pollen.

Just plug the Pollution Shield into your car's lighter. Instantly, it sends a wave of negative ions surging through your car.



Now you can put a shield of ion protection between you and dangerous highway pollution. Whether you have your car's windows up or down, you'll breathe cleaner, fresher and healthier air wherever the road takes you.

The negative ions attach themselves to pollutants. Even the tiniest of particles instantly fall away. It's cleaner air from now on.

Over time, you'll actually see the debris you've been breathing settle on your dash.

Note: You should wipe your dash every so often to keep it clean. But, if you're like me, you'd rather spend 5 seconds wiping your dash than breathing in all that pollution.

Plus, you'll pulverize cigarette smoke. If friends or relatives smoke (God forbid!) in your car, you can be gracious when they ask if it's OK to smoke. What a peace keeper!

And, it's really great during hay fever season. Now you can annihilate pollen from your car's air and say goodbye to aggravating headaches, watery eyes and sneezing.

CLEANER AIR, NATURE'S WAY

Step out of the house after a thunderstorm. Take a deep breath. You'll actually feel cool, crisp air entering your lungs.

Or, if you live near the ocean, you already know the refreshing feeling of seaside air.

These natural wonders produce their own negative ions to cleanse the air. In the same way, the Car Pollution Shield purifies the inside of your car's cabin.

You'll have the same type of pollution protection used in hospital burn wards. And, microchip companies use them to keep their factories free of damaging dust and pollen.

In fact, DAK has sold thousands of air cleansing ionizers for home use. Some people claim ionizers improve alertness, thinking and even sex. I can't prove any of those claims. But, I do know you'll be breathing cleaner air. And, that's priceless.

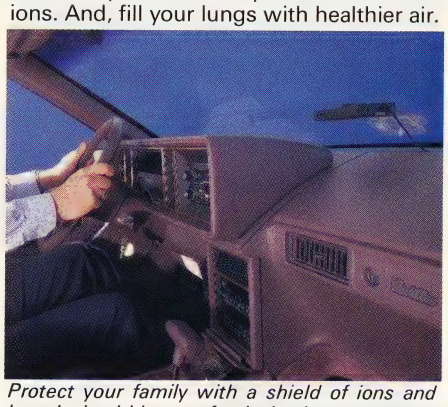
You can mount it on your dash with the included Velcro® strips. Or, use the deluxe radar detector-style windshield mounting bracket. (Mount the Pollution Shield on the passenger side away from the driver.)

Special Note to Radar Detector Owners: The Pollution Shield comes with a dual-socket power cord that allows you to use your radar detector and ionizer simultaneously. And, if you're a **Maxon Radar Detector** owner, there's a special power adapter to connect both units using a single cord.

The Pollution Shield is ¾"H. x 4½"W. x 3¼"D. It's engineered exclusively for DAK and backed by our standard limited warranty.

SLAY SMOG AND OTHER POLLUTANTS RISK FREE

Protect your family from dangerous pollution. Arm your car with a protective shield of ions. And, fill your lungs with healthier air.



Protect your family with a shield of ions and breathe healthier, sea-fresh air wherever you go.

If you don't feel you're breathing cleaner air, simply return it to DAK in its original box within 30 days for a courteous refund.

To order your Pollution Shield with Windshield Mount, DC Cigarette Lighter Power Cord and 2 Power Adapters (for use with a radar detector) risk free with your credit card, call toll free or send your check for DAK's pollution-pulverizing price of just **$49.90** ($4 P&H). Order No. 5395.

Attack dangerous pollution before you breathe it. Surround your family with an impenetrable air-cleansing ion shield. And, obliterate eye-smarting, lung-choking, health-shattering pollution forever.

Plus, DAK will split $1 between Mother's Against Drunk Driving (MADD) and the American Cancer Society for every Pollution Shield shipped. So, while you're improving the quality of your air, MADD and the American Cancer Society will be improving the quality of our roads and our lives.

THE CHALLENGERS *(l to r): Cincinnati Microwave's Passport, Maxon's RD-XL (top), Cincinnati Microwave's Escort, Maxon's RD-1 and Maxon's RD-25.*

The DAK Radar Times

Volume I, Number 1 — Winter, 1990

Dear DAKonian,

It's over. And, the results are finally in. It's hard to believe that it's been about three years since I first challenged Cincinnati Microwave to pit their Escort radar detector against Maxon's RD-1.

The challenge finally took place in May of this year. And, you can read all about it with the complete results, direct from the independent judge John Tomerlin, inside this special eight-page radar section.

I've also included special radar information that I think you'll find fascinating and imperative when using any radar detector.

You'll discover the best place to mount a radar detector, the truth about city/highway filters, how weather conditions affect radar detectors **AND** radar guns and much, much more.

But first, I'd like to take a look back and share with you a brief history of the Challenge. The radar challenge was born in 1986. I'm not sure of the exact date, but I was having dinner with Bob Thetford, President of Maxon Systems Inc., and a good friend of mine.

Bob was telling me about Maxon's then brand-new radar detector, the RD-1. He wanted me to offer it in my catalog. But, I was a little wary about selling radar detectors. I told Bob that I felt Cincinnati Microwave's Escort had the market pretty much sewn up.

"Our new design can beat theirs," Bob said confidently.

Well, I've always loved a challenge. So, I told Bob I'd be willing to bet $10,000 that the RD-1 could beat Escort. And the Radar Challenge was born.

In my Spring 1986 catalog (Wow, was it really that long ago?) I published an ad entitled "A $10,000 Challenge to Escort."

In the ad, I challenged Escort to a one-on-one showdown. If Escort beat Maxon's RD-1 by more than 10 feet, we would pay Cincinnati Microwave $10,000. If the RD-1 was the victor, Cincinnati Microwave would pay us.

I told Cincinnati Microwave they could pick the test course and even choose the

(continued on page 2)

TOMERLIN TESTS FIVE DETECTORS

Under the direction of world-renowned automotive researcher and journalist John Tomerlin, five radar detectors by two major manufacturers were tested to measure their ability to detect police traffic radar in common highway situations. The units tested were:

1) Cincinnati Microwave **Escort**
2) Cincinnati Microwave **Passport**
3) Maxon Electronics **RD-1**
4) Maxon Electronics **RD-25**
5) Maxon Electronics **RD-XL**

Mr. Tomerlin randomly selected two of each unit to be tested. He chose the Maxon detectors from open stock at the DAK warehouse, and ordered the Cincinnati Microwave detectors from the factory.

Each unit Mr. Tomerlin selected was then checked for proper operation and uniformity, and one of each pair was chosen for final testing.

Three separate tests were conducted to determine:

1) The distance at which each unit detected X-band and K-band radar in a straight line.

2) The distance at which they detected K-band radar around a curve.

3) The distance at which they detected X-band radar over a hill.

In order to provide an accurate and

(continued on page 3)

TEST YOUR RADAR I.Q.

Do you know the truth about radar and radar detectors? Why not test your knowledge with this short true/false quiz.

1) Radar detectors can pick up radar signals from the rear.
☐ True ☐ False

2) Radar guns always clock the fastest target vehicle.
☐ True ☐ False

3) City/Highway Filters screen out false radar signals.
☐ True ☐ False

4) Mounting your radar detector on the dashboard can increase its sensitivity.
☐ True ☐ False

5) Rain reduces radar detector efficiency.
☐ True ☐ False

6) Speeding reduces radar detector efficiency.
☐ True ☐ False

Now here are the answers so you can see how you scored.

1) False. A radar detector picks up radar signals through its antenna, which is located at the front of the detector (the end facing out of the windshield). Radar signals travel in straight lines. These signals then reflect off trees, buildings, rocks and other automobiles.

So if you pick up radar from behind, you are picking up a **reflected** radar signal, that is actually coming from in front of you. (See **Radar and Radar Detectors Explained** on page 7.)

2) False. When several vehicles are present radar cannot distinguish between them. Instead, it chooses the best radar reflector within its range. (For details read **The Truth About Traffic Radar** on page 6.)

3) False. City/Highway filters merely reduce radar detector X-band sensitivity efficiency. (See **City/Highway Filters And Anti-Falsing Fact And Fallacy**, page 5.)

4) False. In virtually all cases, mounting a detector on the dashboard reduces its sensitivity. (See **Dash Mounting Versus Windshield Mounting — Which Is Better?** on page 5.)

5) True. Rain, high surface temperature, fog, dust, mist and even humidity can reduce **both** radar detector and radar gun efficiency. (Read **Weather And Radar Detector Efficiency** on page 6 for the full story.)

6) True. When you speed, you lose about 25% of your detector's sensing range.

radar guns. But, I asked them to please reply by June 1 of 1986.

I threw down the gauntlet and waited for Cincinnati Microwave to pick it up. But, they didn't. The June 1 deadline came and went. So, on June 2, I sent a letter to Paul M. Allen, Cincinnati Microwave's Senior Vice President of Marketing.

I asked Mr. Allen why he hadn't replied to our challenge. On June 13, I received a letter from Mr. Allen which I later published in my Winter '87 catalog.

In his letter, Mr. Allen referred to the challenge as an "advertising gambit" and stated that Cincinnati Microwave had no intention of participating in a one-on-one test with Maxon or any other firm.

He also referred to our $10,000 bet as a modest amount and called the RD-1 an "off-shore produced electronic gadget."

I was frustrated. They had refused the challenge and insulted the RD-1. Things were really starting to heat up now.

In my next catalog I upped the stakes from $10,000 to $20,000, which is a lot of money to me. I thought for sure that would ruffle a few feathers. But, a year passed, and there was still no word.

During that time, Cincinnati Microwave introduced a new micro-radar detector called Passport. So I reissued the $20,000 challenge in my Summer '87 catalog and expanded it to include Passport.

If Escort or Passport beat the RD-1 in first alert and continuous alert, I'd hand over the $20,000. But, Cincinnati Microwave still ignored me.

I tried again in September 1987, this time adding Maxon's new Mini RD-25 and Micro-Trouncer radar detectors to the challenge. Again, DAK was ignored.

By this time, I was getting tired of the whole mess. But, I refused to walk away from the "fight." Plus, I figured you DAKonians were getting bored, too. So I decided to leave it up to you.

In my Summer '88 catalog I asked you to vote "For" or "Against" one final Cincinnati Microwave/Maxon Challenge. I even tried to rent Cincinnati Microwave's list of 619,443 customers to send them a catalog so they could vote, too.

Then, I retained the services of the prestigious accounting firm of Arthur Andersen & Co. to collect the votes.

If more people voted **"YES"** to have the challenge, we would conduct it with Maxon's engineers and an independent laboratory **with or without** Cincinnati Microwave. But, if more people voted **"NO,"** not to have the challenge, I promised to forget about it and print that I'd lost the vote in my next catalog.

Arthur Andersen collected the votes in a locked U.S. Post Office Box from May 1 to August 31. Then, at 2 p.m. on September 15, 1988, it happened. A representative from Arthur Andersen met with members of the press at the Beverly Hilton Hotel in Beverly Hills to announce the results of the voting.

I had invited Mr. Allen, and even sent him **a first-class airline ticket** so he could attend the press conference. But, no one from Cincinnati Microwave showed up.

I have to admit I was a little nervous as the representative from Arthur Andersen walked to the podium.

He cleared his throat and announced that 94% of the voters said **yes**, DAK should have the challenge.

I was really excited. After over three years and five challenges, the talking was over. It was time to "put up or shut up."

I tried one last time to contact Cincinnati Microwave. I went so far as to offer them two inches of space in my catalog to say anything they wanted to about the challenge. But, I was met with silence.

To ensure the Challenge was completely fair and unbiased, I decided to ask the renowned Automotive Journalist John Tomerlin, an independent Highway Safety and Product Expert, to conduct the tests and act as the independent judge.

Mr. Tomerlin directed Road & Track Magazine's radar detector performance tests in 1985, 1986 and 1988 (there was no test in 1987). So he's probably the premiere radar expert in the U.S. and would know exactly how to conduct the tests.

It was out of my hands now. The rest would be up to Mr. Tomerlin. He would choose the time and place. He would conduct the test. And, he would write the final, independent and conclusive report.

At last we would know how many seconds of initial and continuous sensing difference, if any, there were between Escort, Passport, RD-1, RD-25 and RD-XL Micro-Trouncer.

On May 10, 11 and 18, 1989, Mr. Tomerlin and his crew of technicians conducted the tests. I was there, strictly as an observer, along with Bob Thetford and the Chief Engineer from Maxon.

It was a harrowing experience. We were up every day at dawn to watch Mr. Tomerlin and his crew put all five radar detectors through their paces.

I was a little awestruck by the whole thing. It was hard to believe that after three years of waiting, the radar challenge was finally happening.

Fortunately, everything worked out well in the end. Maxon won some and lost some. But they didn't win or lose by much. In the straight-ahead tests, where Passport scored its "first alert" before the RD-25, the RD-25 was only four seconds behind.

In fact, all the tests where Cincinnati Microwave's detectors came in first, the Maxon detectors were only seconds behind. And, when you think about it, that's not much of a difference.

Overall, the RD-25 was better at "continuous alert" and "full alert" while the Passport was better at "first alert."

In fact, in the straight-ahead tests against K-band radar, the RD-25 "full alert" sounded 40 seconds before Passport and 67 seconds before Escort.

The bottom line was, we would not have had to pay Cincinnati Microwave the $20,000.

RADAR LOCK-ON VS. FULL ALERT — K-BAND

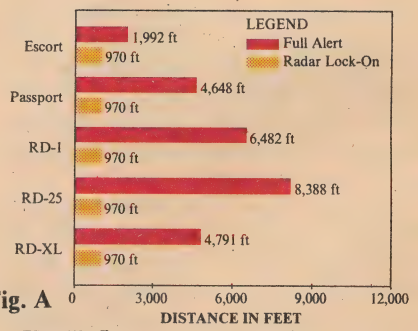


Fig. A

You'll find John Tomerlin's complete results, along with a detailed account of the actual tests (as well as loads of radar information) in the following pages.

I've really enjoyed writing to you about the radar challenge over these past three years. But, if Cincinnati Microwave had accepted my first challenge, all of this would have been over in 1986. But, now that the challenge is over, I would like to join hands with Cincinnati Microwave, so we can work together to protect the rights of radar detector users and stop people from taking away our radar detectors.

Thanks again for your patience.

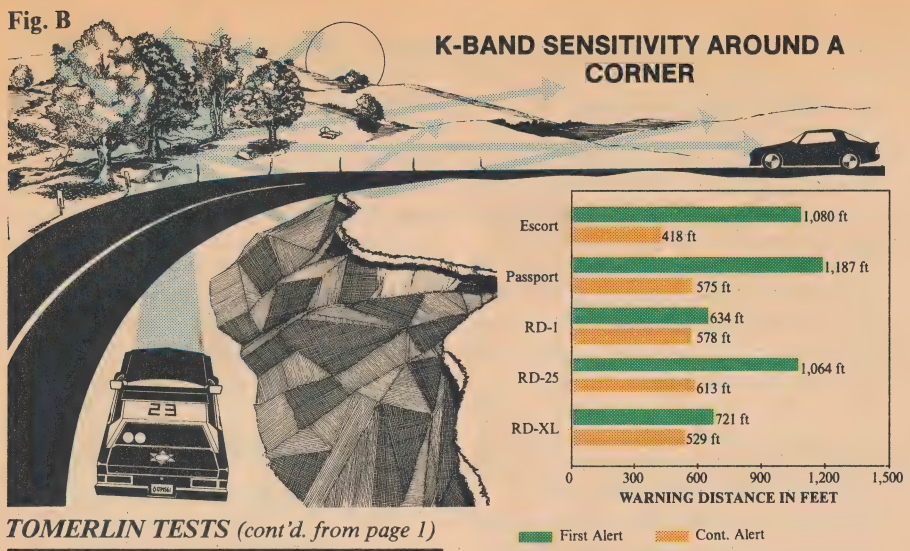
Special Note: If Cincinnati Microwave disagrees with the results of Mr. Tomerlin's tests, I'll be happy to have them join us for a **complete** retest. But, as far as I'm concerned, the challenge is over.

MEET THE MAN BEHIND THE TEST

John Tomerlin is an independent highway safety and product expert, researcher and renowned automotive journalist. He was the director of Road & Track Magazine's radar detector performance tests in 1985, 1986 and 1988.

As the sole, independent director of the Cincinnati Microwave/Maxon Radar Challenge, Mr. Tomerlin conducted perhaps the most exhaustive tests ever into the effectiveness and performance of Cincinnati Microwave's and Maxon's radar detectors and radar detection in general.

Fig. B



TOMERLIN TESTS *(cont'd. from page 1)*

complete evaluation of each detector's sensitivity and range, Mr. Tomerlin based his results and conclusions on three factors:

1) The distance from the radar source at which each detector initially sensed the presence of radar signals and activated the first alert.

"First Alert" indicates maximum sensitivity. However, first alerts are quite often false alarms.

2) The distance at which the detector's "alert" light and/or light emitting diodes (LEDs) activated continuously.

"Continuous Alert" is more likely to signal the presence of a genuine radar signal.

3) The distance at which the audible and visible alarms reached **maximum intensity** or full alert.

"Full Alert" usually indicates that you're approaching the central portion of the radar beam.

All of the units were tested while mounted on the sun visor of the test vehicle. Then 4 of the detectors were retested mounted on both the dashboard and windshield.

It is important to note that, with the exception of the Escort, all the detectors performed substantially better when mounted on the windshield or visor. (For a full explanation of this phenomenon, see "Dash Mount Versus Window Mount — Which Is Better?" on page 5.)

NOTE: All final evaluations were based on the results of the visor-mount tests.

The tests were performed using a Kustom Signals HR-12 radar speed meter (radar gun) operating at 24.150GHz, popularly known as K-band radar, and a CMI Speedgun 8 operating at 10.525GHz, usually referred to as X-band radar.

The time and distance measurements were made with a Datron Correvit Electronic Fifth Wheel, which consisted of an electronic probe that was mounted on the door of the test car and a computer control unit, which rode inside the test vehicles: a 1989 Pontiac Firebird and a 1989 Chevrolet Camaro.

The probe measured the distance from the radar gun to the point where each detector indicated first alert, continuous alert and finally full alert.

This information was fed to the computer control unit which calculated the measurements and provided printed documentation of the results.

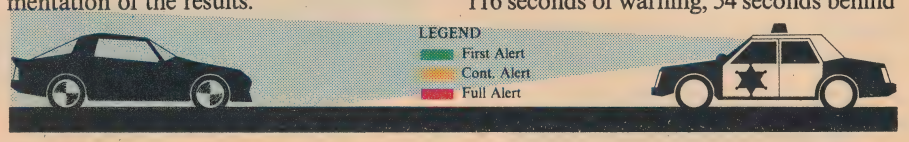
The CMI Speedgun 8 X-band radar gun was mounted in a stationary vehicle at one end of the road. At the other end of the road, approximately four miles away, the Kustom Signals HR-12 K-band radar gun was mounted in a second stationary vehicle.

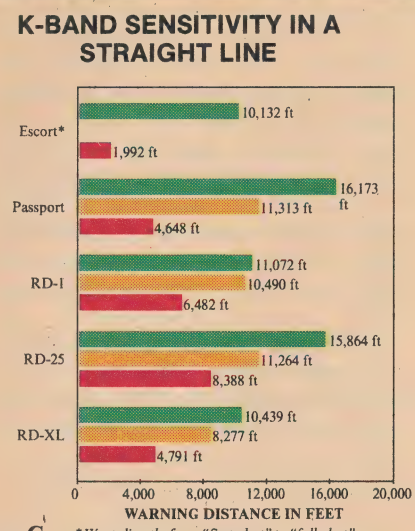
The test vehicle then raced back and forth between the two guns at a calibrated speed of 65 mph. Several test runs were made with each radar detector. The computer calculated and recorded the results of each run.

For convenience, only the top three detectors in each category (first, full and continuous alert) will be discussed here. For the complete results, see Figure C.

For first alert against K-band radar, the Passport came out on top, picking up the signal at 16,173 ft. (3.1 miles). The RD-25 was at 15,864 ft. (2.97 miles). And, the RD-1 activated its first alert at 11,072 ft.

At 65 mph, the Passport gave 170 seconds (almost 3 minutes) of warning and the RD-25 gave 166 seconds of warning, a difference of 4 seconds. The RD-1 gave 116 seconds of warning, 54 seconds behind Passport.





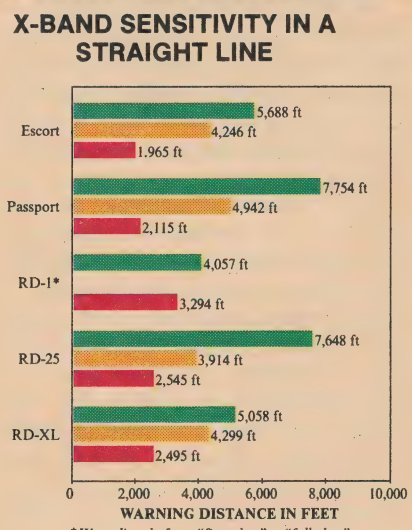


Fig. C

THE STRAIGHT-AHEAD TEST

Straight radar signals (as opposed to reflected signals) are the easiest for radar detectors to sniff out. All of the better radar detectors on the market have no trouble picking up straight-ahead signals and giving you more than ample warning.

For this reason, most magazines no longer include straight-ahead tests in their evaluations.

But, Mr. Tomerlin felt straight-ahead tests were necessary for a complete evaluation of each detector's range and maximum sensitivity.

The straight-ahead tests were conducted on a deserted roadway in the Mojave Desert near Barstow, California.

The Passport was also first in continuous alert. It locked on at 11,313 ft. The RD-25 locked on at 11,246 ft. That's a difference of 67 feet, or 7/10 of a second. And, the RD-1 switched to continuous alert at 10,490 ft., 4 seconds after Passport.

The RD-25 took the lead for full alert at 8,388 ft., beating the RD-1 at 6,482 ft. by 20 seconds and the Passport at 4,648 ft. by almost 40 seconds.

Considering that the radar gun did not lock on until the test vehicle was only 970 feet away, using the first alert results, all three detectors gave nearly 3 miles or 156 seconds (that's over 2 minutes) of warning.

(continued on page 4)

TOMERLIN TESTS (cont'd. from page 3)

Against the X-band radar, the Passport, the RD-25 and the Escort were the best at first alert, with the Passport's first alert at 7,754 ft. The RD-25's first alert was at 7,648 ft., a difference of 106 feet or 1.11 seconds. The Escort was at 5,688 ft., 21 seconds after Passport.

For continuous alert against X-band, the Passport and Maxon's RD-XL came out on top, followed by the Escort.

The Passport switched on at 4,942 ft., while the RD-XL switched to continuous alert at 4,299 ft., a difference of 449 feet or 6.74 seconds. The Escort's continuous alert was at 4,246 ft., 7 seconds behind the Passport.

The RD-1 was first for full alert at 3,294 ft., followed by the RD-25 at 2,545 ft. (a difference of almost 8 seconds), and the RD-XL at 2,495 ft. (a difference of a little more than 8 seconds).

On average, the X-band radar gun locked on to the test vehicle at 760 feet, so even the lowest ranked detector for first alert, the RD-1, which initiated first alert at 4,057 feet, gave over 34 seconds of advance warning.

THE AROUND-THE-CORNER AND OVER-THE-HILL TESTS

Both the range of traffic radar and detector sensitivity are substantially reduced around corners and over the crests of hills. This foreshortening is mutual. However, in most instances, the edge remains with the radar detector.

On the majority of highways, the most convenient way for a radar operator to stay out of sight is to aim the radar into a blind corner or over the crest of a hill.

Since radar signals travel in straight lines, when the radar detector picks up one of these "hidden" signals, it is not the actual signal, but a reflected signal.

Detector sensitivity is more important in this instance than in a straight-ahead test because the reflected signals are weaker, and the detector must be more sensitive in order to pick them up.

Mr. Tomerlin conducted both the over-the-hill and around-the-corner tests at the world-famous Willow Springs International Raceway in Rosamond, California.

For the over-the-hill test, Mr. Tomerlin mounted the X-band radar gun in a stationary vehicle beneath the crest of a rise in the racetrack. All the detectors were tested and the complete results are found in Figure D. Again, only the top 3 detectors are covered here.

NOTE: Only first alert and continuous alert readings were taken for both the over-the-hill and around-the-corner tests.

For first alert, the Passport came out on top, issuing its first alert at 5,113 ft. The Escort issued its first alert at 4,994 ft. and the RD-25 at 4,852 feet.

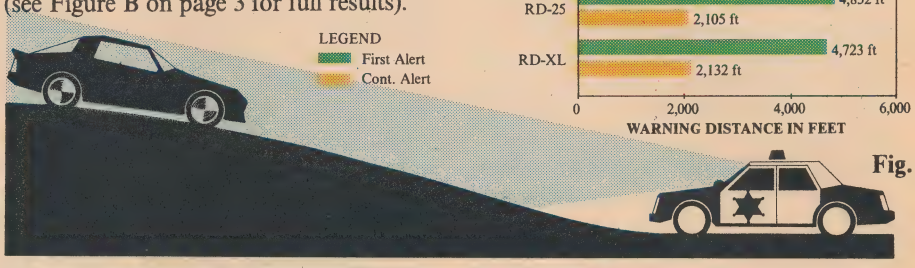
At 40 mph, the Escort was 2.02 seconds behind the Passport and the RD-25 was 2.42 seconds behind the Escort.

For continuous alert, the Escort and the RD-XL tied at 2,132 ft., followed by the Passport at 2,113 ft. (0.32 seconds later) and the RD-25 at 2,105 ft. (0.46 seconds later).

Since the radar gun locked on at 700 feet, the average warning time for all three detectors was **1.21 minutes**, proving that today's radar detectors can readily sniff out radar even over hills.

For the around-the-corner tests, the K-band radar gun was mounted in a stationary vehicle approximately halfway through one of the curves in the racetrack.

The test vehicle was then driven around the track, marking where each detector activated its first alert and continuous alert (see Figure B on page 3 for full results).



Around the corner, the top three were Passport, Escort and RD-25, initiating first alert at 1,187 ft., 1,080 ft. and 1,064 ft. respectively. The Escort trailed the Passport by 1.82 seconds while the RD-25 trailed by 2.09 seconds.

In continuous alert, the RD-25 came out on top at 613 ft., followed by the RD-1 at 578 ft. and the Passport at 575 ft. The RD-25 offered over 10 seconds of warning while the RD-1 and the Passport gave 9.85 and 9.8 seconds of warning time respectively.

In this test, the radar gun locked on at an average of 300 ft. Passport, Escort and RD-25 all sounded their "First Alert" at a minimum of 1,064 ft. Based on the 300 ft. radar gun range, all three detectors gave a net warning distance of at least 764 ft.

AN IMPORTANT NOTE ABOUT EVALUATING THE RESULTS

In evaluating the results of these tests, it's crucial to remember that the critical distance at which a radar detector must locate a radar signal to be effective, is the range of the radar gun itself.

Radar gun range varies greatly depending on the type, make and model of the gun, the terrain in which it is used, traffic density, weather conditions, time of day and several other factors.

Likewise, the critical distance for police radar is the distance at which the **radar operator can make a positive visual identification of the target vehicle.**

According to Mr. Tomerlin, when only one vehicle is present, this distance should not exceed one-half a mile (2,640 ft.) in a straight line. When there is more than one vehicle present, the distance should not exceed one-quarter mile (1,320 ft.).

During the test, Mr. Tomerlin found that the maximum distance at which X-band radar produced a reliable speed reading was approximately 1,000 ft., while the maximum distance for K-band radar was 1,200 ft.

The most common range of radar lock on X-band was 760 ft. and the K-band radar gun did not lock on until the target vehicle was within 950 ft.

X-BAND SENSITIVITY OVER A HILL

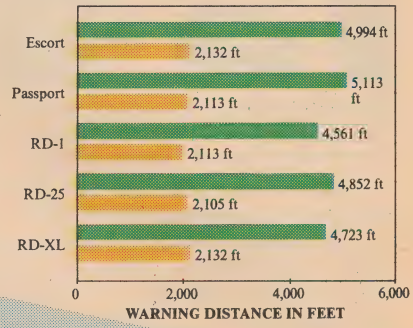


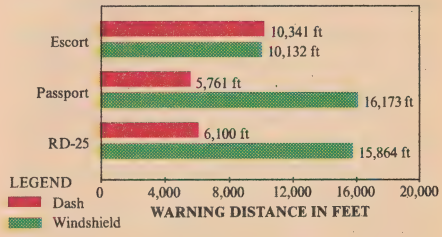
Fig. D

Consequently, even the **minimum** full alert range of all the detectors easily exceeded the **maximum** range of both X-and K-band radar guns, whether measured in a straight line, around a corner or over a hill.

Special Note: The X-band alert distance results for these tests is less than would be normally expected, due to the low power of the radar gun used.

Typically, the first alert on X-band exceeds K-band in distance. However, the test results illustrate that X-band cannot be expected to be the longest range or earliest alert in all cases.

DASH MOUNT VS. WINDSHIELD MOUNT — K-BAND Fig. E



OVERALL RESULTS

Mr. Tomerlin's specific findings include the following:

1) The RD-25 scored the highest among the Maxon radar detectors, while between the Cincinnati Microwave radar detectors, Passport outscored Escort.

NOTE: If tests had been run on the dashboard, Escort would have outscored Passport, perhaps explaining why various

(continued on page 8)

CITY/HIGHWAY FILTERS AND ANTI-FALSING FACT AND FALLACY

A number of radar detector ads and magazine reports group city/highway filtering and anti-falsing into the same category. Actually, they are very different.

The term city/highway filter is a misnomer. Many radar detector manufacturers claim that their city/highway filters screen out false radar signals. Not true.

Radar guns work on microwaves. And, radar detectors pick up these microwave signals. They scan microwave frequencies and warn you when something is transmitting microwave signals.

Unfortunately, burglar alarms, automatic door openers at supermarkets and even garage door openers also operate on the same microwave frequencies.

In order to "filter out" these signals, a radar detector would **also have to "filter out" radar gun signals**.

In reality, a city/highway filter is actually a high/low sensitivity switch. In the city mode, it decreases the radar detector's sensitivity to X-band microwave signals. When you switch to highway mode, you're getting the maximum X-band sensitivity that the detector has to offer.

Many radar detector manufacturers lead you to believe that the fewer false alarms you get in the city mode, the better the radar detector. This simply isn't true.

When radar detectors first hit the market, radar guns were the only source of scientifically-calibrated microwaves other than commercial and military radio transmitters.

Originally, door openers, burglar alarms and other microwave-operated devices transmitted on unstable frequencies, which most radar detectors ignored.

Today, due to advances in microwave technology, most microwave-operated devices transmit on stable frequencies. For example, the microwaves transmitted by a garage door opener are the same as radar.

Because these are stable microwave signals, you cannot "filter" them out without "filtering" out radar gun signals too.

The only way to decrease the number of false warnings is to decrease the radar detector's sensitivity to stable microwave signals. Now, it may sound like you're defeating the purpose of a radar detector when you reduce its sensitivity. But, the theory behind city/highway filters, when understood, makes a lot of sense.

When you're driving on the highway, there are usually fewer sources of stray microwave signals than in the city. So, if your detector is set at maximum sensitivity, highway mode, your chances of picking up false radar signals are greatly decreased when you're on the highway.

In addition, the radar gun may be up to a mile away from you. The signal will be weak at first. So you need full X-band sensitivity to pick it up.

But in the city, where there are more sources of stray microwave signals, a radar detector set on highway mode is more likely to be set off by false signals. By decreasing the detector's sensitivity, you reduce the chances of picking up erroneous signals.

And, in the city, a radar gun may only be a block away, so you don't need as much sensitivity to detect the radar signal. So, it makes sense to decrease the sensitivity to prevent stray microwaves from setting off your detector.

The only way to truly screen out non-radar gun signals is with special anti-falsing circuitry. Better radar detectors, including all of Cincinnati Microwave's and Maxon's radar detectors, have superheterodyne circuitry that actually seeks out and eliminates false signals.

Superheterodyne anti-falsing circuitry works much like a radio scanner. It continuously sweeps the microwave frequency band searching for signals. When it detects a microwave signal, it zeroes in on that frequency and then sweeps the frequency band again. If it finds that exact same frequency again, it decides that it's a true radar signal and alerts you of its presence.

If the detector doesn't find the same frequency again, it considers the original reading a false signal and ignores it.

According to previous tests held by a number of automobile magazines, both Cincinnati Microwave and Maxon radar detectors are highly proficient at screening out unstable false signals.

In the case of city/highway filters, Cincinnati Microwave and Maxon differ in how much the city mode should decrease X-band sensitivity. Cincinnati Microwave's city mode decreases sensitivity by 20-24dB, while Maxon's city mode decreases sensitivity by 15dB.

In the city mode, Escort and Passport do a better job of eliminating stable false signals because of their reduced sensitivity. However, Maxon takes the position that reduced sensitivity is reduced sensitivity, whether you call it a "city filter" or not.

Which philosophy is correct is an objective decision best left up to the person purchasing the radar detector. The decision on which detector is best for you should probably be based on three factors: 1) Where you will use your detector most, in town or in less-populated areas; 2) The amount of X-band interference in your area; and 3) How much comfort you will take in knowing the location of various radar devices which share the X-band frequency with police radar in your area.

DASH MOUNT VERSUS WINDOW MOUNT — WHICH IS BETTER?

As an offshoot of the regular distance/sensing tests, Mr. Tomerlin also conducted tests to see if mounting position affects radar detector sensitivity. And, if so, what the optimum mounting position for highest sensitivity would be.

For the initial tests, Mr. Tomerlin mounted all of the radar detectors on the sun visor of the test car. He then retested the Passport, Escort and RD-25 mounted on both the dash and half-way up the windshield to measure the difference, if any, in sensing distance. The results were startling.

He discovered that if you mount a radar detector on the dashboard, instead of on the window or the sun visor, you can decrease its sensitivity by up to 300%.

All of the radar detectors tested, except the Escort, performed substantially better when mounted on the windshield and visor. (See Figure E on page 4.)

Mounting the detectors on the visor or windshield increased their sensitivity by a minimum of 20% to a maximum of 300%.

But, what's really amazing is that, according to Mr. Tomerlin, **this radar test was the first ever to include mounting position as a test factor.**

That may explain why some radar detectors do well in one magazine's test and poorly in another. It all depends on where they mount the detector.

So, it is imperative that in future radar tests, that not only the mounting position be divulged, but that two different mounting positions be tested.

Plus, each radar detector should be mounted on the manufacturer's included mounting equipment for maximum sensitivity and performance. Why is there a difference where you mount the radar? There are two likely explanations.

Radar signals tend to bounce off car hoods. If your radar detector is mounted on the dashboard, chances are the signals will bounce away from the detector's antenna.

Secondly, as with any antenna, the height at which the detector antenna is mounted is crucial. Raising the antenna is a major way to improve performance.

Because the deflected signals are so dispersed, the detector will not pick them up until you are much closer to the radar gun. And, by that time, it could be too late.

The only unit that didn't do better on the window or visor was the Escort.

It's interesting to note that Escort "blew away" both Passport and the RD-25 when they were mounted on the dashboard. But, when the detectors were moved to the windshield, Escort didn't stand a chance.

This is most likely due to the dichotomy between the distance range sensitivity and

(continued on page 6)

WEATHER AND RADAR DETECTOR EFFICIENCY

The next time you're driving on a hot summer day, take a close look at the road ahead of you. If it's hot enough, you'll probably see something that looks like distortion waves rising from the pavement. Those heat waves just might be decreasing your radar warning time. Hot weather and/or humidity greatly reduce the sensitivity of radar detectors.

Rain, dust, snow, mist and even fog also drastically shorten your radar detector's sensing range. These and other airborne pollutants scatter and reflect radar signals. So, it's more difficult for your radar detector to pick them up.

Weather conditions affect radar guns, too. Because radar guns must both transmit and receive radar signals, any interference with those signals will reduce their accuracy and range. In fact, radar and radar detectors are practically useless under rainy conditions.

During his tests, Mr. Tomerlin discovered that radar detector range increases with cooler temperatures and cleaner air. Because of the hot, dusty weather conditions in the desert, he had to conduct the straight-ahead tests over two days.

He found that before 11 a.m. (when the winds were calm and the temperatures relatively cool) and after 5 p.m. (after the midday winds died down and the sun be- to set) the sensitivity of **ALL** the radar detectors tested increased dramatically.

This means that if you were to test the same radar detector at 8 a.m., 10 a.m., 12 p.m., 1 p.m. and 4 p.m., it's likely you'd get five totally different sets of results.

According to Mr. Tomerlin, previous magazine radar tests may not have taken the weather into consideration, which may have led to inaccurate results.

In fact, Popular Mechanics, in a radar detector test published in their July 1987 issue, summarized Maxon's performance by saying "However, this may have been due to an early morning mist giving better reflectivity to the radar. In clearer weather, they [Maxon] might not have done so well."

In order to ensure accuracy in radar detector evaluations, and overcome this weather anomaly, great care should be taken that all the detectors are tested under similar weather conditions.

It's almost certain that detectors tested in the morning and evening, when the temperature is generally cooler and the air dryer, will consistently perform better than those tested in the heat of midday.

By retesting the radar detectors, so that all were tested at the same time of day, Mr. Tomerlin has certainly set **new** standards and procedures for all magazine radar detector testing.

DASH VS. WINDOW MOUNT

(continued from page 5)

the width range sensitivity caused by the size and shape of the detectors' antennas. (For the full explanation of distance versus width, read **Radar Explained** on page 7.)

NOTE: The sensitivity difference between the window mount and the visor was virtually unmeasurable.

Based on these findings, Mr. Tomerlin concluded that "mounting virtually any radar detector on the visor or windshield should make it more effective than even the **BEST** detector mounted on the dash."

So, no matter which radar detector you use, to get the maximum sensing range, it's critical to raise the detector at least six inches off the dashboard.

THE TRUTH ABOUT TRAFFIC RADAR

For years, the driving public has been led to believe that traffic radar is infallible. The truth is, traffic radar can be **highly** inaccurate. In fact, one study has estimated that up to 25% of all radar tickets are issued in error.

Contrary to popular belief, radar guns do not always clock the target vehicle that is "out front and closest" to the radar gun. When several vehicles are present, radar cannot distinguish between them.

A radar gun cannot be aimed like you would aim a rifle or a pistol. It projects a beam that spreads out from the gun like the beam of a flashlight.

This beam does not necessarily choose the closest target vehicle, the largest target vehicle, or even the fastest target vehicle. Instead, it chooses the best radar signal reflector within its range. And, that can cover quite a large area.

At 500 feet, the beam of a typical radar gun covers two lanes of traffic. At 1,000 feet, it will cover all four lanes of a divided highway. And, at 5,000 feet, the beam can extend over an area large enough to land a small plane!

So, if there's a larger vehicle, such as a truck, speeding down the road behind you, the radar may pick up the truck's speed instead of yours. And, since your vehicle is the closest, you could be given the ticket.

There are any number of external forces, besides other vehicles, that can cause false radar speed readings. Power stations, fluorescent, mercury and sodium-vapor street lamps, chain-link fences and buildings can all interfere with radar guns.

Plus, when a radar gun is set up near an airport, the airport radar can produce very high false speed readings.

Dust, rain, high humidity and other adverse weather conditions also decrease radar accuracy and range. Even a patrol car's air conditioner, police band or CB radio can cause incorrect readings.

Plus, the angle of the radar gun in relation to the target vehicle drastically affects the gun's accuracy.

How reliable is traffic radar? In 1980 the National Bureau of Standards conducted performance evaluation tests on a number of different radar guns. Their findings weren't encouraging.

All but two of the units gave false readings due to interference from a CB radio in the same vehicle as the radar gun, while two of the units were affected by transmissions over the police radio.

Electrical interference affected two of the units. And, interference from air conditioner and heater fans was found to cause false readings in four of the radar guns tested.

On top of that, six of the radar guns tested exceeded the recommended beam width — one by more than 50%.

But, this wasn't the only radar gun evaluation test conducted. The International Association of Chiefs of Police also conducted tests on 24 radar gun models. Their findings weren't much better.

They found that three of the units did not function properly at low temperatures. One of these three also failed the high temperature test while another failed the high humidity test.

Five of the radar guns did not comply with the speed accuracy requirements of the test. And, four of the units exceeded the permissible band width.

All of these findings add up to one conclusion — radar is not infallible. Yes, better radar guns can be built. But, at present, there are no federal regulations governing the manufacture and use of traffic radar.

Until some standards are set for both the manufacture and use of radar, I don't think traffic radar can be viewed as a reliable means of traffic safety control.

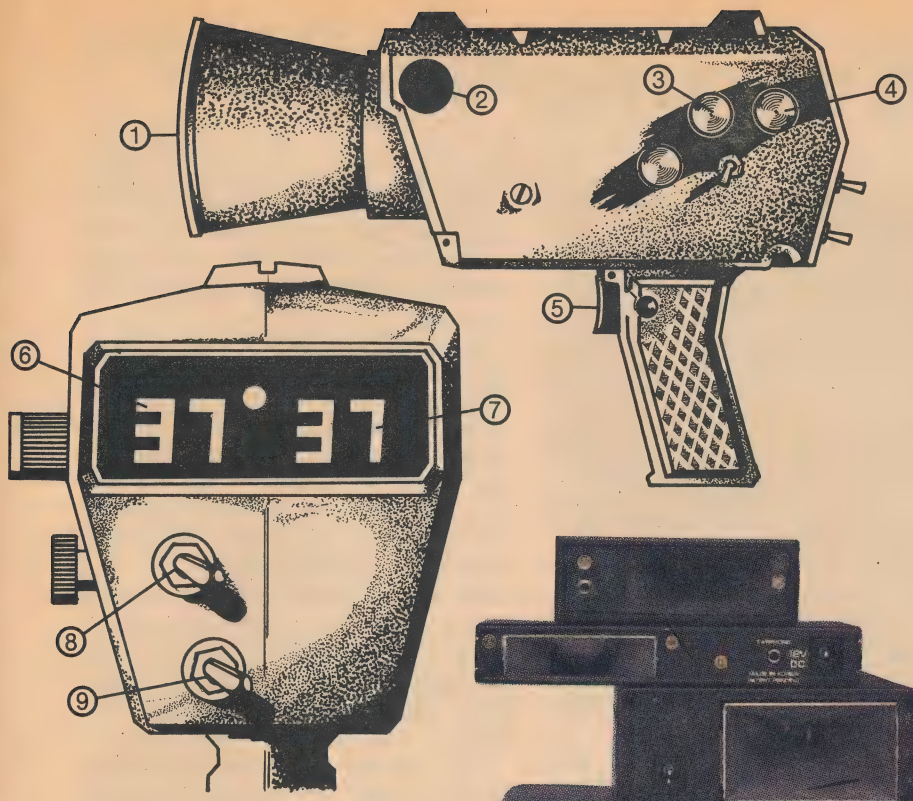
If you're driving through a radar zone, it's better to stay well below the posted maximum speed limit. Otherwise, you might find yourself with a ticket intended for someone else.

The radar gun only gives a speed reading. It does not show which vehicle is responsible for the reading.

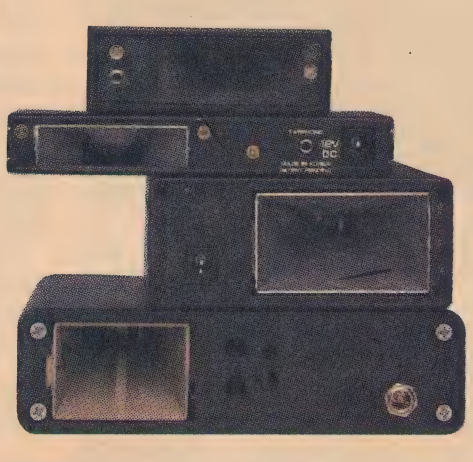
And, "instant on" radar guns require extensive operator training (which is not always available or given) to even hope to be accurate.

If you're stopped for speeding, ask the officer how much training he had, what angle the radar gun was at in respect to the road, and if he could easily distinguish between your vehicle and other vehicles on the road around you.

You may get some surprising answers. And, if you weren't speeding, you may just save yourself from an unjust ticket.



This is a diagram of a typical one-piece radar unit.
1) Antenna Horn
2) Speaker
3) Range Control Knob
4) Audio Doppler Control Knob
5) Trigger Lock
6) Patrol Vehicle Speed Window
7) Target Vehicle Speed Window
8) Moving/Stationary Switch
9) Power Switch



Pictured above are four radar detectors with their antennas, called "horns," exposed. The shape and size of the horn affects the distance range and width of the radar detector.

RADAR AND RADAR DETECTORS EXPLAINED

You may not be aware of it, but most of us come into contact with some form of radar signals every day.

The automatic doors at the local supermarket use radar. Meteorologists use radar to predict the weather. Baseball scouts use radar to clock a pitcher's fastball. Astronomers use radar to explore distant stars. Commercial aviation would be impossible without radar. And, of course, law enforcement agencies use radar for traffic control.

Radar has become a part of everyday life. But, for most people, radar seems like something out of a science fiction movie. And, if you've ever seen a radar gun, it does look like some kind of alien ray gun.

The basic scientific principle behind radar is quite simple. The term "radar" stands for Radio Detection and Ranging, which means the detection and location of remote objects (such as planes, automobiles or even spacecraft) by the reflection of radio waves.

There are many different types of radar, so let's examine the kind that you're probably most familiar with — traffic radar.

There are two types of traffic radar devices. The one-piece unit, a standard radar gun, combines a radar antenna, which both transmits and receives microwave (radio) waves, with a computer.

The other type of radar device is a two-piece unit where the antenna is separate from the computer. Both types work on the same principle, which is called the Doppler Effect.

The Doppler Effect is easiest to understand in terms of sound waves. If you've stood beside a road when a car drove past, then you've experienced the Doppler Effect.

As the car approaches, you hear a high-pitched sound. The instant the car passes by, you hear a lower-pitched sound. As the car drives toward or away from you, the frequency of the sound changes, causing the pitch to change. The speed of the car adds to the pitch of the sound as the car approaches, and subtracts from the pitch as it drives away.

How much the pitch, or frequency, is increased or decreased depends upon the speed of the car. This change from true pitch, or frequency, is called Doppler shift.

Radar works the same way, except it uses microwaves instead of sound waves.

The antenna sends out microwave radar signals of a known frequency. K-band radar guns operate at a frequency of 24 Gigahertz (gigahertz is a unit of frequency equal to one billion hertz) and X-band radar guns operate at 10 Gigahertz.

When the radar signal comes into contact with a moving object, such as a car or truck, part of the signal is reflected back to the antenna, but at another frequency. The difference in frequency will depend on the speed of the target with respect to the antenna.

The computer calculates the difference between the two frequencies and converts it into "miles per hour," then displays this figure in the radar unit's "target speed window."

Some radar units have a single speed-reading window, while others employ two. The single window units display only the speed of the target vehicle. They must be used from a parked patrol car.

The two-window units display both the target speed and the speed of the patrol car. These units can be used either in the stationary mode or from a patrol car in motion.

Radar detectors work on the exact same principle as radar guns. Like radar guns, they have antennas, called "horns," that receive radar signals.

A radar detector scans the entire microwave frequency, searching for stable X- and K-band signals. It's like tuning up and down the FM band on your receiver when you look for a particular radio station.

Once a radar detector finds a signal, it will scan the frequency band an average of 8 to 10 times in one second, looking for a signal at the same frequency.

If it finds the frequency again, it is most likely a stable radar signal, not a false alarm, and the detector will warn you that there is radar in the area.

How well a radar detector receives or picks up radar signals depends on the size and shape of its horn. The horn must pick up radar signals from straight-ahead **and** signals that come in from the sides. However, it's impossible for any horn to do both equally well.

It's like your own peripheral vision. When you look straight ahead, you can see a far distance in front of you. At the same time, you can also see things out of the corners of your eyes, but not quite as well.

The same is true with radar detector horns. Usually, a horn is better at picking up **either** straight-ahead signals **or** peripheral, reflected signals.

Straight-ahead sensing is, of course, important in situations when the radar gun is in a relatively-straight line in front of you. The peripheral sensing is necessary for picking up reflected radar signals around bends or over hills.

So, when designing a horn, the engineer

(continued on page 8)

RADAR EXPLAINED *(from page 7)*

must compromise as to the "gain" (which affects straight-ahead range) and the "beam width" of the radar detector (which affects the width of the sensing field or what is commonly called by engineers spurious sensing lobes).

The term "beam width" may be a little confusing. A radar detector does not project a beam, like a radar gun.

But the reception pattern of the horn is beam-like. It covers an area that begins at the detector and spreads out in a cone, the way radar signals do when projected from a gun.

However, because it has to search a larger area, the beam width of a radar detector is much larger than the beam width of a radar gun.

Beam width is measured in degrees. And, the larger the beam width, the larger the side lobes will be. But, the straight-ahead range (gain) will be reduced. Of course, the smaller the beam width, the greater the gain.

Which is more important is objective. But, considering that it's becoming standard procedure for radar operators to hide behind corners and beneath hills, a wider beam width may be better.

Today, however, all better radar detectors, including Cincinnati Microwave's and Maxon's, are designed to give you more than enough straight-ahead and peripheral protection.

In fact, the average range of radar detectors on the market far exceeds the range of the typical radar gun. So, no matter which radar detector you use, it's likely it will have no difficulty ferreting out radar signals.

TOMERLIN TESTS *(cont'd. from page 4)*

automotive-magazine radar test reports in the past have reached divergent conclusions. (See "Dash Mount Versus Windshield Mount — Which Is Better?" on page 5.)

2) The Passport was more sensitive than the RD-25 for the "First Alert," and the RD-25 usually produced an earlier "Continuous Alert" and "Full Alert."

3) Against X-band radar, the Passport issued its "First Alert" 309 ft., or 3.24 seconds before the RD-25. The RD-25 initiated its "Continuous Alert" 276 ft., or 2.9 seconds before Passport.

4) In the around-the-corner test, Passport sounded off its "First Alert" 123 ft. (1.3 seconds) sooner than the RD-25. But, the RD-25 was first in "Continuous Alert" at 613 ft. In the over-the-hill test Passport was quicker than the RD-25 by 261 ft. (2.7 seconds), while the RD-XL and the Escort tied for "Continuous Alert."

Based on the results of the tests, Mr. Tomerlin concluded that all of the radar detectors tested demonstrated ample sensitivity and range in picking up K- and X-band radar signals.

These results show that the range of all the radar detectors tested exceeded the range of the radar guns in every instance. A greater range of sensitivity than provided by these radar detectors is of little value in identifying traffic radar, and would probably result in a high number of false warnings.

In fact, the variations in range between the makes and models of radar detectors tested were less significant than differences occurring from outside influences such as, **mounting position** (see "Dash Mount Versus Windshield Mount — Which Is Better?" on page 5), **weather conditions** (see "Weather and Radar Detector Efficiency" on page 6), and **vehicle speed**.

For most radar detector users, features such as volume control, warning-light visibility, muting/dimming capability and mounting accessories will outweigh any minor differences in radar detector sensitivity.

Mr. Tomerlin further concluded that, based on these considerations and the results of the tests, **"the Maxon RD-25 is judged to be the best buy among the detectors tested and the Cincinnati Microwave Passport is judged to be the best detector regardless of price."**

FINAL THOUGHTS

Well, the Cincinnati Microwave/Maxon Radar Challenge is now history. It was a lot of hard work. Especially the three days we spent in the desert. But, I have to admit, it was a lot of fun.

We learned a lot of important and fascinating things about radar and radar detectors. They even let me take a ride in the test car as it zoomed around the track at a pulse-pounding 115 mph. And, I hope you enjoyed reading about the radar challenge as much as I enjoyed writing about it.

Overall, I was very pleased with the results. I think they proved what I've always believed, **that all good radar detectors are basically the same**. It's pretty clear that Cincinnati Microwave beat us in "First Alert" and we beat them in "Continuous Alert" and "Full Alert."

In my opinion, there just isn't much difference between Cincinnati Microwave and Maxon radar detectors. And, there certainly isn't enough of a difference to justify you paying up to $200 more for an Escort or Passport radar detector.

I want to stress, however, that DAK **does not** advocate speeding. I believe radar detectors should be used to prevent speeding. If you're like me, sometimes when you're driving, your car may creep up a little over the speed limit.

If you're not looking at your speedometer, it's very easy to speed without even knowing it. No one wants to get a costly speeding ticket. And, you certainly don't want your insurance rates raised.

I believe radar detectors do help us to be safer drivers. In fact, studies have shown that radar detector users **are** better drivers.

But, just like a lot of things, radar detectors can be misused by some irresponsible drivers who make all of us radar detector owners look like criminals. If you're one of those people who zooms up to 90 mph as soon as the beeping stops, I sincerely hope you get a ticket.

And, make no mistake, you will get ticketed. I recently received a letter from a police officer who told me that, whether or not you have a radar detector, if you speed regularly, you will get caught.

I'm glad of that. Because I don't want to be on the road with speeders. And, I certainly don't want my family on the road with them. So, if radar detectors cause speeders to slow down, then I'm all for them.

Unfortunately, not everyone feels this way. There is a group of people out there, including the GEICO insurance company, that is trying to get radar detectors banned.

There have been over 110 pieces of legislation introduced in 33 states seeking to ban radar detectors. So far, our rights as Americans have been protected. But, it's getting close.

I'm deathly afraid that precedents could be set with radar that may have far-reaching effects on the American life that we have fought for and cherish.

There is hope. Recently, a court in Maryland overruled GEICO when they tried to deny auto insurance to radar detector owners.

And, the California Department of Insurance has ordered GEICO to renew the policy of a driver who owns a radar detector or face fines of up to $10,000 a day for **discrimination** violations. And, that's exactly what it is, discrimination.

You see, both Maryland and California stated that GEICO failed to produce proof that radar detector owners are higher risk drivers. In both states they have forbidden GEICO from discriminating against radar detector owners. Of course, GEICO has repeatedly appealed both decisions. So, the battle rages on.

But, it seems that I'm not the only concerned American motorist that believes radar detectors help us to be better drivers.

Now that the challenge is over, I sincerely hope that we (DAK and Maxon) can join hands with Cincinnati Microwave and, along with groups like RADAR (the Radio Association Defending Airwave Rights), fight for our rights as radar detector owners.

Sale & $3 Rip-Offs Exposed?

People are downloading games, utilities and programs from FREE public bulletin boards and selling them for $3 to $6. Well, now you can get thousands of FREE programs for your computer, plus fight cancer!

By Drew Kaplan

Get free programs yourself! If you own a computer, this may the most important article you ever read.

Imagine printing 10-foot long banners, designing architectural layouts, using spreadsheet and database programs, typing labels automatically, speeding up the use of your computer and more.

Read on and we'll explore how you can use your computer to seize thousands of sensational new programs, absolutely FREE!

THE AMERICAN DREAM

It's exciting. All across the nation, there are more than 2,000 special phone numbers you can call **right now.**

They're called electronic bulletin boards. You can leave messages, buy and sell things, and best of all you'll find hundreds of disks jammed full of FREE software.

Many of these programs are written by professional computer programmers. Others are developed at large universities or under special government grants.

And, since these programmers aren't in business to sell the software they've written, they place their programs on bulletin boards. That way everyone can benefit.

Imagine programs that let you track your stocks, generate forms, play solitaire, create eye-grabbing graphics, improve the efficiency of your business (wow!) and more.

It's perfectly OK for you to copy these programs for your own use. I do it myself.

Unfortunately, some people are taking advantage of these generous programmers. There's a loophole that allows you to make and distribute copies and to 'recover your distribution costs'.

You Dakonians are the greatest! So far you've made it possible for DAK to donate over $45,000!

Well, **there are companies making money** (by copying free programs and selling them for $3 to $6) on the backs of the people who have done all the work.

So if you pay $3-$6, is it a rip-off? Or, is it a good deal because the software is obviously worth many times the price?

AMERICAN CANCER SOCIETY

I want you to have all the productivity and fun you can with your computer. So I've put together 2 packages that will vastly broaden your computer's use.

1. I have a list of 2,000+ electronic bulletin boards all across the nation (including some in your area).

   Note: This list is available courtesy of the International FidoNet® Association (IFNA), P.O. Box 41143, St. Louis MO. 63141. IFNA is the spokes-organization for a collection of 3,000 Electronic Bulletin Board Systems located in over 30 countries. Why not join?

2. I've packed a ton of the best programs from the bulletin boards for IBMs and clones onto two (2) disks.

I can't afford to send everything free, but here's something even better:

DAK will donate all proceeds from the sale of these Lists and Disks to the American Cancer Society beyond the cost of producing and distributing them. So far DAKonians have made it possible for DAK to donate more than **$45,000!**

I'll send you the list of 2,000 electronic bulletin boards for just $2. And, I'll send you two disks full of programs for just $3.

URGENT—don't call DAK to order your list or disks. Please follow the special ordering instructions below.

A WEALTH OF KNOWLEDGE

To access a bulletin board you'll need a modem. If you've already got one, great! If not, I've got a great modem on sale for just $49^{90}. But, you don't have to buy a modem from DAK. You can use any modem or even borrow one from a friend.

With a modem your computer can 'talk' to other computers over the phone. (There's no need to put in an extra line, your regular phone line is just fine.)

Imagine being 'on-line' with thousands of bulletin board systems across the nation. There's virtually no limit to the number of FREE programs you can download (that's 'computer talk' for copy).

Plus, you can leave messages, make new friends, share programs and much more.

In addition, you can access informational services to explore huge databases (massive libraries of computerized information) on almost any subject that interests you.

Everything from the latest news, weather and sports to on-line encyclopedias, recipes, and travel information. Plus, you name it.

And, if you're an investor, you can check trends, market conditions, and get detailed information on thousands of companies.

Stamps, chess, football, coffee, mortgages, health, horoscopes or even the latest breakthroughs in producing syncrudes from shale. They're all just a few keystrokes away.

Plus, you can buy everything from books and airline tickets to securities and mink coats right from your computer.

Now you can open the floodgates to a tidal wave of FREE programs and infinite information with a terrific 1200-baud modem at DAK's $49^{90} blow-out price.

BAUD RATES EXPLAINED

Baud rates are simply the speed at which data is transferred over telephone lines. 1200-baud is a perfect speed to access bulletin boards, browse through databases and to send or receive files.

Important note: Your modem will automatically slow down if you connect with a slower 300-baud modem. It's **fully 'Hayes Compatible'** (the industry standard) so you'll never have a compatibility problem.

Plus, it uses standard Bell 103 and 212A protocols (don't worry, it's all automatic) and it operates in half or full duplex.

You can even set it to automatically answer any incoming call. Now you can receive reports and messages when you're away.

Installation is a cinch. Simply connect it to any RS-232 serial port on the back of your computer and plug the included modular phone cord into any standard phone jack. It sits right next to your computer.

You'll also need a modem cable and software (see below). It's backed by the manufacturer's standard limited warranty.

$49^{90} MODEM BLOW-OUT RISK FREE

Build a massive library of FREE programs. Access volumes of information on any subject. And supercharge your computer with communications firepower.

If you aren't 100% thrilled, simply return your modem in its original box to DAK within 30 days for a courteous refund.

To order your External 1200-Baud Intelligent Auto-Answer Modem risk free with your credit card, call toll free or send your check for DAK's blow-out price of just **$49^{90}** ($6 P&H). Order No. 4955. CA res add tax.

I have a limited quantity of External 2400-Baud Intelligent Auto-Answer Modems for just **$129^{90}** ($6 P&H). Order No. 5419.

A Modem Cable and a great IBM-compatible Communications Program are just **$9^{90}** ($3 P&H). Order No. 5145.

Get ready to be overwhelmed with free programs, tons of research information, and hours of incredible entertainment.

Hayes and IBM are registered trademarks of Hayes Microcomputer Products and International Business Machines

Simply plug this Hayes-compatible, 1200-baud modem into ANY computer with an RS-232 serial port and you'll be deluged with knowledge. Plus, if you order now, it's on sale for just $49^{90}. Wow!

SPECIAL ORDERING INFORMATION FOR LIST AND/OR DISKS ONLY

Please send your order with checks only (no cash or credit cards) with the words 'LIST' and/or 'DISKS' to DAK, P.O. Box 3045, Canoga Park, CA 91306.

If you want the list of 2,000 bulletin boards, send **$2** ($1 P&H). Order No. 4888. If you want the 2 disks full of programs, send **$3** ($1 P&H). Order No. 4889.

Please, no phone orders or phone inquiries. All information must be handled through the P.O. Box. Even if you order anything else from DAK, the list and/or disks still MUST be ordered separately.

Two-Way Looker

It watches. It listens. And, it talks. Nothing escapes its perpetual stare. It's a 24-hour sentry that protects your business or family. A single cable carries both the audio and video signals. And now, there's even 2-way communication.

By Drew Kaplan

It sees all. It hears all. And, you can even speak through it to those being observed.

Now you can watch, listen and communicate in safety. Now you'll always know who's 'out there' and what they're up to.

And, now you can easily monitor loading docks, equipment yards, tool cribs, shop doors and store aisles. Plus, you can keep a sharp eye on hazardous areas.

With its all-seeing eye, you can prevent theft by shoplifters, vandalism by delinquents and accidents by careless employees.

The Looker is a total observation/communication security system. You can connect up to 4 cameras to the monitor and have complete coverage of your business, store, warehouse or home.

Plus, you can hear and speak to the person you're observing through the camera's built-in microphone as well.

Now you can 'screen' visitors just like you screen calls with a telephone answering machine. And, now you'll see exactly who's in your warehouse and be able to talk to them from the safety of your office.

At home, you can keep an eye on the yard or pool.

EFFORTLESS INSTALLATION

The Looker's camera(s) are a cinch to set-up. You don't even need AC plugs.

Just attach the camera's infinitely adjustable mounting arms (there are only 3 screws) to the floor, wall or ceiling. You can have up to 4 cameras connected to each monitor/switcher for complete two-way coverage.

Connecting cameras is easy. This system uses a single round cable, much like your home's cable TV system.

The power for the entire system comes directly from the monitor/switcher and is fed to the camera(s) through the cable. And, the camera's signals are sent back down the very same cable to the switcher/monitor.

Simply switch on the monitor, press a camera button and you're in business.

Note: Most of the automatic switchers I've seen in surveillance systems cost hundreds of dollars extra. But, Universal has included one with the 2-Way Looker.

You can set the monitor to lock onto any camera for a minimum of 4 seconds and a maximum of 60 seconds, and then move to another camera. Or, you can pick one camera to monitor constantly.

See and hear your baby while she naps or plays.

Plus, you can connect a second TV to the system by simply running a standard video cable to it. So, you can move from one room to another and always keep an eye on what's going on around you.

You'll be amazed at how sensitive the Looker is even at low-light levels. From 3 lux to 30,000 lux, you can watch everything that's happening.

And, with the Looker's awesome 600 line resolution camera feeding signals to its high-contrast 12" monitor, the picture is incredibly sharp and clear.

Observe the warehouse or cash register. Check the parking lot or waiting room. Now you can watch the comings, goings and actions of everyone entering or leaving your building from your office. And, now you can talk to anyone through the 2-Way Looker's built-in sensitive microphone and speaker.

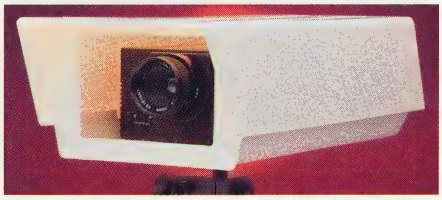
PERMANENT VIDEO RECORD

Even when you're away from your office, store or warehouse, the Looker will still be on 24-hour-a-day guard. Now you can monitor the 'graveyard shift' or the 'early-morning crew' while you're on vacation or sound asleep at home.

Just connect the Looker to a VCR. You'll have up to an 8-hour tape with both audio and video that you can view later (in about an hour using your VCR's high speed search) at your convenience.

If you've ever been stung by employee theft or vandalism, it's a sure-fire way to nail the guilty party and protect the innocent at the same time. With the Looker on duty, no one knows when he's being watched or a permanent recording is being made.

Caution: Observation may be illegal in some areas. The 2-Way Looker is made by Universal and backed by their standard limited warranty.



With the optional weather-resistant camera cases, you can observe, hear and speak to anyone outside your door from inside your office.

FORTIFY YOUR OFFICE RISK FREE

Now you can see everything that goes on around your shop, office, storage area and warehouse. Now you can hear and speak to delivery men in the lobby, truckers at the loading dock or sales clerks on the 'floor'.

And, now you can screen visitors at the door from a safe distance. Plus, in case of theft or vandalism, you'll have a permanent record for the police and your insurance company to look at and review.

If you're not 100% satisfied with its ever-vigilant observation and protection, simply return it to DAK in its original box within 30 days for a courteous refund.

Monitor up to 4 areas for complete coverage.

To order your Looker Observation/Communication Security System, complete with 12" Monochrome Monitor, 4-Station Electronic Switcher, Black and White Camera with Electret Condenser, Microphone and Loudspeaker, 100' of Cable and Infinitely Adjustable Mounting Arm risk free with your credit card, call toll free, or send your check for only **$299** ($16 P&H). Order No. 5127. CA res add tax.

Extra Cameras with 57' of Cable and Mounting Arm are just **$179** ($4 P&H) each. Order No. 5128. CA res add tax.

Weather Resistant Cases are just **$39.90** ($4 P&H). Order No. 5130. CA res add tax.

100' Extension Cables are only **$29.90** ($4 P&H). Order No. 5155. (Use up to 3 cables for a total of up to 300').

Double your camera's viewing area with a 72° wide angle lens. It's just **$69.90** ($2 P&H). Order No. 5131. CA res add tax.

You'll have an incredible sense of security when you can see, hear and speak to anyone on your company's premises.

Observe the lobby. Talk to the loading dock. Check the parking lot. With the 2-Way Looker on duty you're always informed and aware of what's going on around you.

DAK INDUSTRIES INC.
Call Toll Free For Credit Card Orders Only
24 Hours A Day 7 Days A Week
1-800-325-0800
For Toll Free Information, Call 6AM-5PM Monday-Friday PST
Technical Information.....1-800-888-9818
Any Other Inquiries.....1-800-888-7808
8200 Remmet Ave., Canoga Park, CA 91304

Symphonic Sorcerer

Magically turn a human whistle into a hooting owl. Change a drinking tumbler into a mystic glass harp. And, transmute water into a singing bullfrog. Now, with PCM digital sampling, you can transform any sound into music. Plus, you'll conjure up any instrument from an oboe to a violin with the harmonic synthesizer.

By Drew Kaplan

What a mystery! It was the case of the disappearing keyboard.

I'd just gotten this fantastic PCM (Pulse Code Modulation) digitally SAMPLING keyboard. I was all ready to sit down and test it, when I discovered it was missing. I panicked. I searched the DAK offices. But, there wasn't a clue.

And, then I heard it. The unmistakable singing of a bullfrog. But, this bullfrog was singing Mozart. The plot thickened.

I followed the sound down the hall to Vince's office. And, there I found a half dozen DAKonians crowded around my keyboard. They were taking turns creating music from real sampled sounds.

Rob went into the parking lot and sampled car horns. When he was finished he wrote an amazing car-horn concerto.

You'll conduct eight different built-in voices that sound so realistic, you'll think you're playing the actual instrument.

Fred sampled his name. And, then he used auto-play to create one of the strangest 'rap' songs I've ever heard.

And, Thad, the office clown, sampled his phone ringing. He had everyone scurrying around the office thinking it was their phone. It sounded that real. It should, it's digital.

I didn't think I'd ever get my keyboard back. (I wanted to play it, too.)

Sampling is like magic. You can create calliopes from car horns. You can sample your dog's bark and play your favorite songs on a 'Fido Flute'. And, you can conjure up an entire orchestra from a doorbell.

With this keyboard and a little imagination, you can transform any sound into your own one-of-kind instrument.

Plus, with the built-in harmonic synthesizer, you can create an unlimited array of instruments just like professional keyboard players. Is it sorcery or science? Read on and we'll find out.

MUSICAL IMPRESSIONIST

Before we explore all the wonderful things you can do with digital sampling, let's discover just how it works.

This keyboard uses an 8-bit PCM (Pulse Code Modulation) sampler. It's similar to the kind used by professional musicians.

The sampler takes sounds and transforms them into computer codes, just like a CD recording. You'll be amazed how realistic the sampled sounds are.

I sampled my cello. And, when I played it back, I couldn't tell the difference between the sample and the real thing.

Whether you play this incredible keyboard through its built-in, full-range speaker, or use the optional adaptor cable and play it through your stereo system, you'll thrill to crisp, clean, exciting CD-quality sound.

And, sampling's so easy to do. Just press the sampling button. The built-in microphone automatically begins sampling the moment a sound is heard.

Then, touch any key and play back your sampled sound. The different keys play back your sampled sound at different pitches, just like a real instrument.

You can even record sounds on a tape recorder, and then sample them into your keyboard through the line input jack. Plus, you can also sample sounds directly with any external microphone.

Any sound can be transformed into an instrument. A knock on the door can be magically changed into a chorus line of tap dancers. And, you can turn pouring water into a bullfrog symphony.

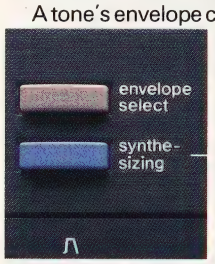
I sampled ice cubes dropping into a glass, a soda can being opened, birds singing, a cat meowing and wind chimes ringing.

Plus, you can play any instrument just by sampling it into the keyboard.

My mother is an excellent pianist. But, she couldn't play the guitar to save her life. So she sampled a guitar into the keyboard. Now she can play her favorite songs on the keyboard and it sounds just like she's playing a guitar. It's amazing to hear her play Bach and Brahms on her sampled guitar.

And, look at this. You can alter sampled sounds to create even more instruments. There are thirteen 'envelope' settings.

A tone's envelope consists of three parts—the attack, the sustain and the decay.



You'll easily synthesize hundreds of instruments.

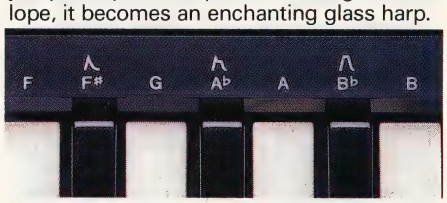
The attack is how the tone first sounds. It can range from the quick crash of a cymbal to the gradual build-up of a pipe organ.

The sustain is the length of time the tone rings, between the attack and the decay.

And, the decay is how the tone ends or fades out. It ranges from the crisp, clipped-short decay of a snare drum to the softly echoing ringing of a harp string as it slowly fades away.

And, just wait till you hear all the incredible instruments you'll be able to create.

When you tap a drinking glass and add the piano envelope to it, you'll hear a cool, jazzy vibraphone. If you add the organ envelope, it becomes an enchanting glass harp.



With the 13 sound-enhancing envelopes you'll magically transform any ordinary sound into an amazing musical instrument. It's easy.

But, sampling is only the beginning. You'll also be able to conjure up an entire symphony of instruments and even invent new instruments of your own.

CREATE AND PLAY ANY INSTRUMENT

Besides sampling, there's another way you can create any type of instrument you'd like to play. This keyboard has a built-in harmonic synthesizer, just like professional keyboards costing up to $5,000. Wow!

Nine of the keys are specially-marked

(Next Page Please . . .

. . . Symphonic Sorcerer Continued) with numbers ranging from 1' to 16'. These numbers correspond to the 'flute stops', (like the kind gigantic pipe organs use), to make different instrument sounds.

By pressing the flute stop keys in different combinations, you can create literally hundreds of different instruments.

You can press any of the 'flute stop' keys up to 14 times to get 14 different sounds from just one key. And, you can further sculpt the sound to your liking with the 13 tone-embellishing envelopes.

With just the touch of a few buttons, you'll harmonically synthesize any instrument from a trombone to a cello to a clarinet. Let your imagination run wild and you can invent literally hundreds of instruments.

And, there are two special effect settings you can use to further enhance and sculpt any of the preset voices or the instrument samples you create.

Sampling sounds is a cinch. Simply touch the sampling button.

The 'vibrato' effect causes the sound to vibrate or waver as it decays.

The 'portamento' effect cause notes to slide from one to another as they are pressed on the keyboard, just like a slide trombone. They're great for giving your music that extra special professional touch.

Plus, you'll have an orchestra of preprogrammed instruments to choose from, too.

LAP-TOP ORCHESTRA

This 32-key, 4-note polyphonic digitally sampling keyboard is loaded.

You'll conduct eight preset voices. Five of the voices (piano, brass ensemble, trumpet, synth drums and human voice) are PCM samples taken from actual sources.

The voices don't just sound like the instruments. **They are the instruments.**

You'll tickle the ivories of a piano that sounds so real it could fool Beethoven. You'll conduct the timbre of a brass section.

And, you'll sing along with a human voice so incredibly life-like you'll think you're in a choir. The other three voices are harmonically synthesized, just like a professional synthesizer.

You'll float on the sweet, lilting tones of a flute. You'll shake the rafters with the deep, resonating reverberations of a pipe organ. And, you'll 'jam' to the cool, funky groove of a jazz organ all from one instrument.

No matter what kind of music you like these voices are perfect for performing everything from classical, to folk, to jazz, to big band, to rock and roll.

BUILT-IN BACK-UP BAND

You'll also have a programmable electronic back-up band with 11 different 'synthesized drum' patterns (disco, rock, pops, march, samba, bossa nova, rhumba, 4 beat, swing, slow rock and waltz) to accompany you when you play.

You can adjust the tempo of the rhythm to suit your playing speed. And, there's a rhythm 'fill-in' so you can add drum 'riffs' to your music with just the touch of button.

And, just wait till you see how easy (and how exciting) it is to compose your own music with the 3-channel, dual 4-note polyphonic multi-layer memory.

BE AN INSTANT COMPOSER

This keyboard has a special memory that makes composing and recording your music a snap. There are two ways to record.

You can record up to 400 notes of a single melody line into the memory. It's great for working out your favorite songs and playing them back so you can learn them.

And, you can record and layer three different lines, including melody, chords and rhythm independently. And, then play them back together just like a professional recording studio's multi-track recorder.

An auto triggering system automatically records any sound you want to sample.

If you're a hunt and peck musician, with 'one-key play,' you can slowly input your songs, synchronize the tempo to your liking and play along. It's so easy, you'll be writing concertos in no time.

Plus, you'll never have to memorize complicated chord patterns again. With autochord, you can play any chord, even complicated seventh and augmented chords with just one finger. It's easy.

All the keys are marked with a chord letter and type. Simply pick the chord you want and it automatically plays accompanied by a corresponding bass line. It's like having an entire band playing along with you.

Plus, there's an output jack so you can connect it to your stereo systems's tape deck and record your musical masterpieces.

You can adjust the 'flute stops', just like on a pipe organ, to conjure up any instrument from a guitar to a violin to a tuba.

40,000 PIECE SYMPHONY (OR WHY SO CHEAP FOR YOU)

Once I tried this fantastic keyboard and saw how much fun my DAKonian friends had sampling sounds and creating hundreds of different instruments and playing awesome-sounding music, I was excited.

I liked it so much, I bought the entire stock of 40,000 of these amazing Casio keyboards. And naturally, because I bought so many, I got them at a great price.

In fact, these keyboards were originally priced in another catalog at $129 each.

But, you and your family can enjoy this amazing PCM sampling keyboard for the limited blow-out price of just ~~$49.90~~.

It's a great way to introduce your kids to the wonders of music. They won't just learn one instrument. They'll be playing hundreds of different instruments.

This exciting sampling keyboard is engineered by Casio and backed by their stan dard limited warranty.

BECOME A SYMPHONIC SORCERER RISK FREE

You'll magically create hundreds of unique instruments from everyday sounds. You'll conduct a phantom orchestra complete with brass, flutes and percussion.

And, you'll effortlessly conjure up original symphonic masterpieces.

If you're not 100% enchanted by the magical masterpieces you'll create, simply return your keyboard to DAK in its original box within 30 days for a courteous refund.

To order your Casio SK-1 Sampling Keyboard with 8 PCM Preset Voices, 4-Note Polyphonic Play, 8-Bit PCM Sampler, Harmonic Synthesizer, 11 Auto Rhythms, One-Finger Auto Chord, 3-Layering Memory, 13 Envelope Patterns, Built-in Speaker, Built-in Sampling Microphone, Line In and Line Output Jacks and AA Batteries call toll free, or send your check for just ~~$49.90~~ ($4.50 P&H). Order No. 5370. CA res add tax.

Now you're ready to play your favorite songs on the brand-new instrument you've created.

I also have a limited number of Casio's SK-5 sampling keyboards. They come with four sample keypads so you can sample up to four different sounds. Plus, you also get special built-in sound effects including a dog's bark, a laser gun and a lion's roar.

To order your Casio SK-5 Sampling Keyboard with 4-Rhythm Pads and 8-bit PCM Sampler with Four Sample Pads, for just **$69.90** ($6.50 P&H) use Order No. 5382.

An AC adaptor for either keyboard is only **$6.90** ($3 P&H) Order No. 5430.

An optional cable for thunderous live performances through your stereo or 'boom box' is just **$6.90** ($2 P&H). Order No. 5429.

You'll turn any sound, from a dog barking to falling rain to doorbells to car horns into a magical symphonic extravaganza.

You'll play dozens of instruments from harpsichords to vibraphones to oboes and even invent new instruments of your own.

PRICE SLASHED NOW JUST $39.90

Order No. 5370 ($4.50 P&H)

Now you can transform any sound into a unique new instrument at a special DAK price. We also have a few SK-5 Sampling keyboards with built-in sound effects and sample pads for $69.90. Order No. 5382.

CAPTURED IN YOUR COMPUTER

PC Soul Snatcher

Grab the essence of any video image from your VCR, Camcorder or DAK's Video Camera and store it in RAM. Create video slide shows, posters and computer-aided graphics. And, wait till you see the images printed on your dot-matrix or laser printer.

By Drew Kaplan

It's fun and productive. Imagine creating video slide shows of your kids, club members or co-workers (including special effects) right on your computer.

Imagine printing computer-generated images of your family, friends or pets for greeting cards, letters and invitations.

And, imagine altering reality as you 'cut', 'paste' and 'paint' your **DIGITAL** images of friends, relatives and even celebrities.

Now thrill to 'real-time' (no waiting) digitized pictures you capture from your VCR, camcorder or video camera, all for $169⁹⁰.

JUST POINT AND SHOOT

Now you can let your creativity explode on your computer's screen as you create video slide shows, eye-catching documents or wild works of art. It's incredibly easy.

A touch of a button captures (in 1/60 of a second) a video frame of your child's birthday party, a video thriller or any sporting event.

Now you can 'swap' heads with your spouse, paint antlers on your cat or colorize your own black and white classic. Plus, put yourself in the picture with your favorite celebrity, politician or movie star.

It's called a digitizer. And, it instantly turns your computer from a word processor into the type of display/printer you may have seen at swap meets and carnivals (and costing $600 to $2,000).

Business Wonder. Now you can instantly transfer your video image files to desktop publishing programs like Ventura Publisher,® PageMaker® and WordPerfect.®

You'll produce powerful technical papers and manuals, complete with step-by-step photo illustrations made direct from video.

And, wait till you infuse your brochures, handbooks and newsletters with video images of your company president, your product or the Employee of the Month.

At home, I love to design personal party invitations, greeting cards and posters with pictures of my family. They look great and take just a few minutes to create.

Unleash your imagination with DIGITAL video images you create. Design PC slide shows of friends and family. And, 'cut' and 'paste' your own creations with life-like realism. It's fun and it's easy.

REALITY BENDERS

Let your imagination run wild. Included with your Soul Snatcher Digitizer is an arsenal of powerful video weapons.

1. VID. Use it to grab any video image and store it on disk. Now you can quickly capture images from music videos, VCR movies or even your children's antics, instantly.

2. PC Paintbrush. Zoom into any part of your image. Flip, rotate and inverse it with just a 'click' of a mouse (see below).

You can cut and paste your family with celebrities. Put them in exotic places. Or, see what your face looks like on the body of your favorite movie star. It's really funny.

And, with its palette of vivid colors you can paint hair on Grandpa, put sunglasses on your dog or paint a beard on 'Uncle Drew'.

You can add text to your graphics with a variety of type styles and sizes.

Plus, you can also draw freehand, create circles and squares, erase parts of your pictures, draw backgrounds and foregrounds or shrink or enlarge noses, ears and eyes.

3. PC Partner. Now, take a 'snapshot' of your captured images and create attention-grabbing PC slide shows for business meetings, school assemblies or seminars.

Add special effects to your slide show as you 'dissolve' your images from one screen to the next. Or, you can 'wipe', 'drip' or 'weave' between images. It's easy.

Plus, with PC Partner's SHOW module, you can save dozens of images on a single disk to carry with you to display on any computer with graphics capability.

And, wait till you modem your images to your friends, family and business associates. Or, upload them to a bulletin-board system.

EASY INSTALLATION

Simply slip the Soul Snatcher computer expansion card into an expansion slot in your IBM PC, XT, AT or Compatible with standard CGA, EGA, VGA or Hercules graphics and 512K of memory.

Now, plug your VCR or camcorder into the 'Video In' jack. The 256 x 256 pixel resolution is sharp and can display up to 64 shades of gray. So, whatever monitor you own, you will get the maximum resolution possible.

Plus, the software is compatible with virtually all dot-matrix and HP LaserJet II or compatible laser printers.

The PC Soul Snatcher Digitizer is available exclusively from DAK and it's backed by DAK's standard limited warranty.

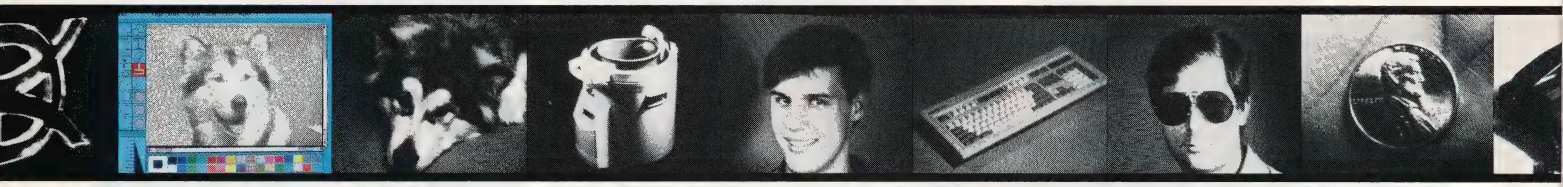
SOUL-SNATCHING EXCITEMENT RISK FREE

It's so easy to create exciting, life-like images. You'd never believe computing could be so much fun and still be productive.

If you're not 100% thrilled, simply return it to DAK in its original box within 30 days for a courteous refund.

To order your DAK Video Digitizer Card with VID, PC PaintBrush and PC Partner Software risk free with your credit card, call toll free or send your check for DAK's video-grabbing price of just **$169⁹⁰** ($6 P&H). Order No. 5423. CA res add tax.

To order your optional black and white video camera send just **$129** ($6 P&H). Order No. 5424.



Snatch pets, products or even people. Print anything on your screen or printer. And, produce attention-grabbing video slide shows right on your computer.

Unleash the power of PC PaintBrush with Logitech's serial mouse (serial port required). It's just **$79** ($3 P&H). Order No. 4983.

Wait till you 'digitize' your guests at your next party and print out posters of them before they leave. Wait till you see video slide shows right on your screen. And, wait till you see your creations in print.

You won't believe how easy it is to use. And, how productive you'll be at work or at home. Plus, you'll have an absolute ball with all the 'souls' you've snatched.

DAK INDUSTRIES INC.

Call Toll Free For Credit Card Orders Only
24 Hours A Day 7 Days A Week

1-800-325-0800

For Toll Free Information, Call 6AM-5PM Monday-Friday PST
Technical Information.....1-800-888-9818
Any Other Inquiries.....1-800-888-7808
8200 Remmet Ave., Canoga Park, CA 91304

Word Streaker Plus Color

Imagine text streaming out of your printer at the astounding rate of 300 characters-per-second. If you're a serious computer user, this printer is for you. Plus, there's near-letter quality and extraordinary 7-color graphics. It's a $749 value. Add the $149 KeyChart and $89 ZSoft PC Paintbrush programs, and it's a $1036 breakthrough for ~~just $499~~.

By Drew Kaplan

Stand back. Paper shoots out of this printer at an incredible pace. If you print multiple-page reports or long letters or presentation-quality graphics, this printer will knock your socks off.

The letters you'll print in near-letter quality are impressive. The 7-color charts, graphs and pictures are vibrant. You'll be amazed at the speed and quality with which your work is reproduced.

FIRST THE COLOR

Before we explore the power of color presentations, I want to emphasize that this printer's near-letter quality is as good as any IBM® Compatible I've seen.

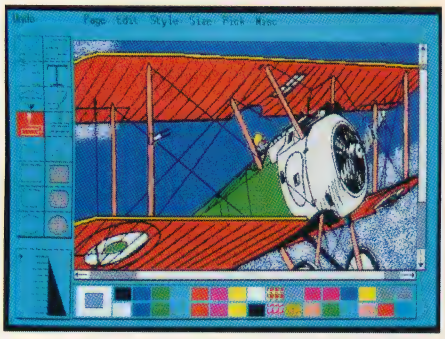
No, it's not a daisy wheel. No, it isn't 24-pin. But, I've never seen a better near-letter quality 9-pin printer.

Anyway, back to the color. Imagine seeing your computations displayed in vibrant colors on sophisticated charts and graphs. Graphs really tell a story.

And KeyChart, the $149 top-of-the-line graphing program lets you create incredibly sophisticated types of charts and graphs (a few are shown at right).

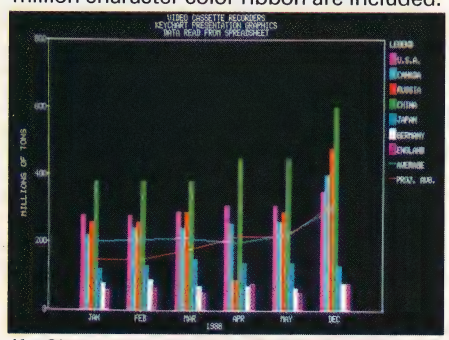
Plus, with ZSoft's $89 PC Paintbrush program, you can draw beautiful pictures like those shown above.

So, whether you prepare corporate presentations or need a great looking presentation for a bank, a school project or a club activity, this printer and all the included graphic programs can do it all.



It's great graphics made easy. Here's PC Paintbrush's awesome color capabilities in action.

It takes just a few seconds to switch from 7-color (which also prints black) to standard black-only printing. Both a 6-million character black and an interchangable 1-million character color ribbon are included.



KeyChart is menu driven. Just fill in the blanks for great-looking professional charts and graphs.

SUPER FAST PLUS

Although Seikosha designed this printer as a heavy-duty office machine with its 300-cps print capability, at DAK's special price with our software bonuses, it's great for home or office use.

Now everything you print from reports, letters and proposals to schematics, graphs and flow charts will explode off the page with attention-grabbing 7-color graphics and superb 'near'-letter quality text.

It prints in superb near-letter quality at 50 characters-per-second, so it's fast.

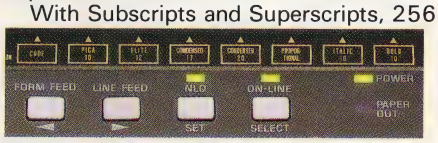
Its built-in tractor and friction feeds let you use sheet paper or fanfold computer paper from 4" to 10" wide. And, it can handle paper up to 4 copies deep.

Plus, you have a choice of Print Styles. You can print in Pica, Elite, Condensed, Super Condensed and Proportional Spacing. You can also print in Bold or Italic. And, of course, you'll thrill to Underlined Text.

With its massive 10,000 character buffer and its bi-directional logic-seeking print head, you'll have incredible speed and a very low noise level of just 55dba.

You'll have total control of tabs, margins and vertical and horizontal position on the page. This printer is ideal for complicated reports and outlines.

With Subscripts and Superscripts, 256 downloadable character capability, automatic single-sheet loading and both Parallel and Serial interfaces built-in, this printer is phenomenally versatile.



Simply punch in the pitch or setting you desire from the convenient front panel controls.

There's more. You can print double strike for emphasis. You can print double width for headlines. The list goes on and on.

And speaking of on and on, Seikosha protects this heavy-duty office machine with a full 2-year limited warranty.

WORD STREAKER PLUS COLOR RISK FREE

Wait till you streak through your work with this time-saving 300-cps printer. And, wait till you see the spectacular color.

If you're not 100% thrilled, simply return it to DAK in its original box within 30 days for a courteous refund.

To order your Seikosha 300 Character-Per-Second Industrial Printer For IBM® Compatibles with Near-Letter Quality Printing and 7-Color Graphic Capability risk free with your credit card, call toll free or send your check not for the $798 suggested retail price. Don't even add the $149 KeyChart or the $89 ZSoft PC Paintbrush Retail. It's a $1036 total retail value that's yours for ~~just $499~~ ($24 P&H). Order No. 4982.

1,000,000-Character Color Ribbons are just **$14** ($1 P&H). Order No. 5200.

6,000,000-Character Black Ribbons are just **$12** ($1 P&H). Order No. 5201.

If you need wide-carriage, 132-column, 15" industrial paper capability, an identical wide carriage version (with 6K buffer) is only **$599**. Use Order No. 5522. ($32 P&H). CA res add tax. Extra ribbons for the wide-carriage printer are also available.

You'll save hours **not waiting** for your printer to finish. And, you'll be astounded by the exciting, powerful black-only and color graphic presentations you'll create.

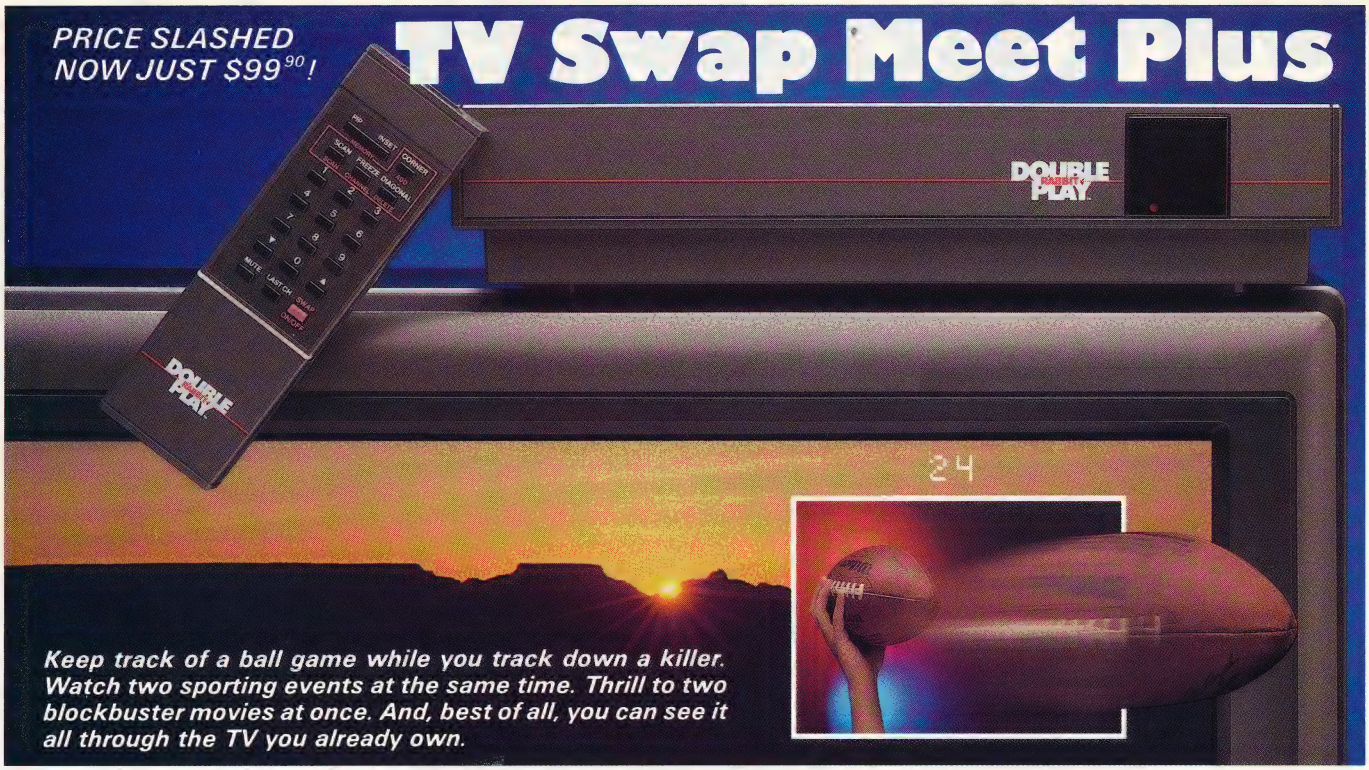
SPECIAL OPTION

For drawing with ZSoft's PC Paintbrush, you'll need a mouse. I have Logitech's great new two-button mouse (with software), that plugs into your serial port (described in Work Crusher's Bonus Section), for just **$79** ($3 P&H). Order No. 4983.

PRICE SLASHED NOW JUST $399!

Use Order No. 4982 ($24 P&H)

Now you can thrill to a lightning-fast 300 characters-per-second, seven-COLOR printer with near-letter quality for the same price as a 'regular' dot-matrix printer.



Now you can swap an award-winning movie for a playoff game at the touch of button. And, you'll never watch an intelligence-insulting commercial again.

By Drew Kaplan

I have double vision. And, I love it. I see two of everything. Two ball games. Two movies. Two talks shows and more.

It's more than just two TVs in one. It's infinitely better. Let me tell you why.

This phenomenal digital wonder gives me Picture-In-Picture (PIP), up to 108-channel tuning, a powerful remote and a whole new, exciting way to watch TV.

ELECTRONIC WINDOW SHOPPING

Imagine cheering a running back as he dives for a touchdown, at the same time a home run heads for the stands.

Then, duck from the laser blasts of rival spaceships, while you simultaneously watch a killer pull a knife on his victim.

PIP does more than double your viewing enjoyment. It's like having a window to shop' for something better to watch.

Easy installation. It's as easy to hook-up as a VCR. Even the cables are included.

Simply connect this remarkable digital component between your cable/antenna and your TV. Then, connect your VCR. PIP uses your VCR's tuner for its second picture. Then, brace yourself.

Press the PIP button. Instantly, a crisp, clear color inset appears in the corner of your main screen. It's amazing.

You can swap the inset picture with the main picture anytime you want.

In a flash, you'll switch a once-in-a-lifetime play from the inset to the main screen. And, the sound will stay with whichever picture is on the main screen.

MARRIAGE SAVER

USA Today just published an article that said over 50% of the viewing audience regularly watched two shows at once. That's a lot of channel flipping.

I love to flip channels. But, my wife hates it. Well, now my wife can enjoy a sit-com, while I flip through channels on the inset.

And, look at this! You can watch your favorite shows commercial-free.

Let's say you're watching a nail-biting car chase on the main screen. When an ad comes on, just swap pictures. While the used car salesman makes his pitch, you can keep up with another show. When his face leaves the inset, swap back and you'll never, ever miss the action again.

UP, DOWN, OFF AND AROUND THE SCREEN

From the remote, you can customize the inset picture exactly the way you want it. And, with the touch of a button, you can change or **eliminate** the inset.

Touch the 'Corner' button and you can place the inset in any corner you want.

Touch the 'Diagonal' button and you can alter the placement of the inset from almost the center of the screen to deep within the corner you've chosen. I love it!

So, you can really see the action on both the main screen and the inset. PIP gives you the ultimate in TV choices.

CHAMPION CHANNELER

It's powerful. And, it can effortlessly pull-in up to 108 cable and antenna channels.

This electronic microcomputer-controlled tuner instantly locks onto sports, news, music videos, networks and more.

And, wait till you thrill to a football game on your main screen, while scanning up to 108 Cable or VHF or UHF antenna channels through the inset. It's awesome.

Plus, if your cable pleasure is currently limited by the 12 to 16 presets of your TV or VCR, hold on tight. Now you'll enjoy a maximum of 108 thrilling channels. And, if you find two shows you want to watch at the same time, don't sweat it. 'PIP' it!

REMOTE COMMAND POST

Freeze a car crash. Scan 3 ball games automatically. And, swap pictures at will.

This awesome Remote puts the power of digital in your hands.

Press the 'Freeze' button. It holds the broadcast picture in the inset.

Now, before you cry 'kill the ump', check to see if it was a strike or a ball, or if the receiver was in bounds or out.

You'll have random access tuning of all stations. Plus, the Remote has 'Memory'. You can instantly step-tune just your favorite stations for customized viewing.

Unlike VCR presets, you can quickly change them. On Sundays, I like to set 3 memories for ball games. Later, my wife will set 4 for our movie channels.

It's made by Rabbit Systems and backed by their standard limited warranty.

TV SWAP MEET PLUS RISK FREE

Watch a linebacker wrap up a quarterback, while an ump throws your favorite pitcher out of the game. Watch two dramatic pictures at the same time and swap them whenever you choose.

For the Rose Parade, political coverage or fast-breaking emergencies, keep track of the coverage on 2 stations at once. And, swap dramatic pictures instantly.

If you're not completely thrilled, simply return it in its original box to DAK within 30 days for a courteous refund.

To order your Double Play Digital Wonder and Double Your TV Viewing Enjoyment with PIP, Random Access 108-Channel Compatible Electronic Tuner, an Awesome Remote Control with Freeze, Automatic Scan, Favorite Channel Selection, and much more risk free with your credit card, call toll free or send your check for DAK's incredible market-busting price of ~~just 129.90~~ ($7 P&H). Order No. 5148. CA res add tax.

Watch two ball games at once. Swap one game for another. Flip through 108 channels. And, using your **current** TV and VCR, add special effects to your favorite movies, videos or live TV.

PRICE SLASHED NOW JUST $99.90

Order No. 5148 ($7 P&H)

Double your TV pleasure at an amazing close-out price. Swap a movie for a ball game or a talk show for classic re-run. And, never lose track of the show you want to watch.

Snooper Scooper

It's live. And every bit is true. Now you can witness all the joy and heartbreak of real-life drama as it unfolds before you. It's called scanning. And, it's opened a thrilling new 24 hour a day, no holds barred world of excitement for me.

By Drew Kaplan

It's happening all around you. There's a '415' in progress two miles away. A 3-alarm fire is raging downtown. And, someone on Maple Street is desperately awaiting the paramedics.

You'll have a ringside seat as patrol cars race to the 'disturbing the peace' call (the 415). You'll feel the tension as yet another engine company is called in to battle the 3-alarm blaze.

And, I'll bet you'll feel a lump in your throat as a bouncing baby boy is born to the mother on Maple Street.

That's the spellbinding world of scanning. And what I like best about it, is that I can safely experience its thrills and chills from my home. Plus, I love the security it provides for my family.

SCANNING EXPLAINED

Imagine owning more than a thousand AM radios and being able to tune each one to a different station. That's what owning a scanner is like.

You can scan and monitor literally thousands of frequencies **in your own area** at the rate of 15 channels per second using 'Automatic Search'.

It's how news crews always seem to get to the scene first. And unfortunately, how ambulance chasers find clients. Here's a partial listing of what you'll hear:

Police, State Police, Fire Department, Special Emergency, Highway Maintenance, Forestry-Conservation, Government, Local Government, Business Radio, Manufacturers, Broadcast Remote, Mobile Telephone, Radio Paging, Special Industrial, Motion Picture, Power Utilities, Petroleum, Forest Products, Railroad, Automobile Emergency, Red Cross, U.S. Weather Bureau, U.W. Coastal & Geologic Survey, National Parks, Indian Affairs, Bureau of Reclamation, Department of Agriculture & Forestry Land Transportation, Amateur Radio, and Aviation.

You'll hear it all on the following bands: 29-30Mhz (10 meter amateur), 30-50 Mhz (Low Band), 50-54MHz (6 Meter), 118-135.975Mhz (Aircraft), 136-144Mhz (2 Meter Amateur), 144-148MHz (2 Meter Amateur), 148-174Mhz (High Band), 406-420Mhz (Federal Government), 420-450Mhz (70CM Amateur), 450-470Mhz (UHF Band), 470-512Mhz (UHFT-T), 824-849 & 869-894MHz Cellular Phone, 806-912Mhz (Public Service).

EMERGENCY CENTRAL

In the Los Angeles area, I listen to police make 'gang sweeps'. I hear smoke jumpers being rushed in to combat the latest brush fire. And, I overhear crews working against the clock to track down natural gas leaks.

I can even pick up the Coast Guard as they investigate a 'suspicious craft'. And, I hear pilots being guided in by airport control towers.

There's also a 12V jack for car use (standard cord not included). So, if your power is knocked out by an earthquake, flood, tornado or hurricane, your family can tune in police, fire and emergency channels to hear what's really going on.

Caution: The first time I turned on the scanner, I heard voices. Suddenly, I realized I was listening to a call-girl ring operating over cellular car phones!

I quickly switched away. This scanner is one of the last manufactured that will intercept cellular phone calls.

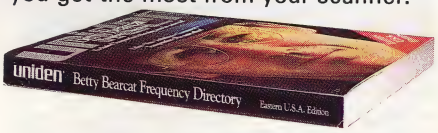
But, it's rude to eavesdrop. **Plus, it's illegal. Do not program this scanner to the cellular phone frequencies.** And, in some areas, because of some of the restricted channels it receives, it's even illegal to use it in your car.

CHOICES MADE EASY

Scanning is simply a matter of pushing a few buttons on the control panel.

But, with thousands of frequencies to choose from, how do you find out what's on each frequency? Well, it's easy!

I've included a FREE 400 page frequency-listing book with each scanner. It's packed with the information about what's on each frequency. And, it's overflowing with tips and hints that'll help you get the most from your scanner.



Finding exciting action is as easy as using a phone book

WORRIED DREW

Frankly, I haven't offered scanners before because I was worried that some people (me included) might be intimidated by the thousands of frequency choices. But with the 400 page scanner book, it's duck soup.

Anyway, I gave the scanner to a friend and asked him to try it out overnight.

He said, "Drew, it took me about 5 minutes. I just checked the book for the frequencies I wanted, pushed a few buttons, sat back and let it all happen".

He couldn't stop raving about all the exciting broadcasts he'd heard.

You'll always know what frequency you're receiving, because a 9-digit fluorescent display keeps you informed.

Two antennas are included. One is telescopic (8" to 20½"). The other is a 3" 806-912Mhz antenna. Together, they pull in all the action.

Plus, you can add an external antenna to pull in even distant broadcasts. The scanner is AC powered with battery backup (2 AA batteries not included).

It is made by Uniden Bearcat and backed by their standard limited warranty.

SNOOPER SCOOPER RISK FREE

It's nonstop action 24 hours a day. And, because it is real life drama, it's infinitely more exciting than any TV show.

Wait till you hear the true 'inside story' behind a gangland crime. Everyone else will have to make do with the watered down version the Police P.R. Department feeds the news media.

If you're not 100% captivated, simply return it in its original box to DAK within 30 days for a courteous refund.

To order Uniden Bearcat's 40 Channel (with thousands of Frequencies) Synthesized Programmable Scanner with Automatic Search, Automatic Squelch, Automatic Weather Frequency Switch, (In fact, Automatic Everything), Priority Channel, Lockout, 2 Antennas, Fluorescent Digital Display and FREE 400 page Frequency Guide risk free with your credit card, call toll free, or send your check for just **$299** ($12 P&H). CA res add tax.

If you live west of the Mississippi River, use Order No. 4987. If you live East of the Mississippi River, use Order No. 4988. So, you'll get the frequency guide that matches your area.

You'll thrill to heart-pounding police and rescue operations as they occur. And, you'll be immersed in an exciting and even scary world of true adventure.

Roving Reporter

It's better than any TV crime show. Listen in as police stage a daring drug raid, an engine company battles a raging 3-alarm fire and paramedics struggle to save a life. It's LIVE, nonstop action 24 hours a day!

By Drew Kaplan

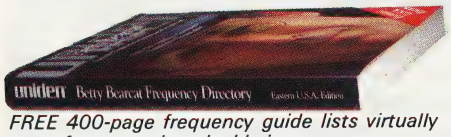
It's Monday, 6:03 pm. You're resting on the couch. Suddenly, you're right in the middle of a bank robbery. Hostages are taken. Reporters race to the scene.

No, it's not the late night movie. It's not a TV crime special. And, it's definitely not the 6 o'clock news. It's called scanning.

What is scanning? Imagine owning a thousand radios, each tuned to a different station. That's what a scanner is like.

I've listened in as smokejumpers rushed in to combat a brush fire. I've heard police as they rolled out for another 'gang sweep'. And, I've even monitored a frantic pilot being safely guided into an airstrip.

Imagine catching the entire REAL-LIFE drama as the Coast Guard investigates a 'suspicious' vessel. And, imagine following the FBI as they pulverize a local drug ring.



FREE 400-page frequency guide lists virtually every frequency imaginable in your area.

And speaking of action, this scanner pulls it all in: Police, FBI, Fire, Paramedics, Secret Service, Military, Coast Guard and more.

COPS, ROBBERS & MAYBE RAIN

Now you can have the 'inside scoop' on what really happened, as opposed to the 'media' version everyone else settles for.

It's completely rechargeable. So you can take it anywhere. And, with its massive 200-channel memory bank you can easily store and monitor your favorite channels.

And, look at this. Press 'WX' and your scanner will automatically search out the nearest national weather report. Now while you're camping, boating or hiking, you'll know instantly whether it'll stay sunny or if an unexpected storm is moving in.

CAUTION: This scanner can pick up cordless phone conversations. But, it's rude to eavesdrop. Plus, it's illegal. Also, in some areas it may be illegal to use in your car.

It's engineered by Uniden Bearcat and backed by their standard limited warranty.

BE A ROVING REPORTER RISK FREE

Now you can have a front-row seat to all the exciting action in your town. You'll thrill to pulse-pounding adventures anywhere.

If you're not 100% thrilled, simply return it in its original box to DAK within 30 days for a courteous refund.

To order Uniden Bearcat's 200-Channel Programmable 800 Mhz Rechargeable Scanner with Lighted LCD Display, Auto Search, Auto Weather, AC Charger/Adapter, Carrying Case, Ear Phone, and your FREE 400-Page Frequency Guide risk free with your credit card, call toll free, or send your check for **$249** ($6 P&H). CA res add tax.

If you live west of the Mississippi River, Use Order No. 5366. If you live east of the

Now you can get the inside scoop anywhere.

Mississippi River, use order No. 5368. That way you'll get the right frequency guide.

Now you can tune-in to literally thousands of exciting adventures in your town. And, now you'll know the 'inside' story long before it makes the front page.

Dogfight On I-80

Now you can chat with friends on caravan trips, instantly summon help and listen to really fascinating conversations. PLUS, you can be a hero by doing what a friend of mine did one 'dark and stormy' night.

By Drew Kaplan

It was pouring rain. And, it was almost midnight when John spotted him.

The guy blew by doing about 85. He cut off a red Chevy. Then, narrowly missed a truck. Tempers flared. Horns blew.

And, John calmly reached over for his CB, pressed Channel 9 (the emergency channel constantly monitored by the police) and reported a drunk driver.

The drunk continued to weave in and out of traffic. John tailed him at a safe distance and kept up a running report.

Suddenly, a highway patrol car flew by. A minute later, the tipsy driver was in custody. And, a possible tragedy was averted.

That's one way any CB can make you a hero. But, I use this hand-held, go-anywhere CB in lots of exciting ways.

ON-THE-MOVE THRILLS

Sure, I use it to talk to strangers when I'm driving. And, it's fascinating to listen to conversations. But, my wife and I also use it to talk to friends in other cars. On jaunts to ball games or picnics, we joke and talk to couples as if they were in our car.

Plus, I love the security it gives my family. If our car ever conks out, I know help can be moments away.

It's easy to use. Simply plug it into your car's cigarette lighter and start talking.

Plus, it's also a portable! Just slip the AA ni-cad or alkaline batteries (not included) into the **built-in** battery pack and you're in business. It's terrific for staying in touch

You'll never be alone even on the loneliest of roads. Friendly voices are just a touch of a button away.

while hiking or on family outings.

It's engineered by Maxon. And, it's backed by their standard limited warranty.

HERO'S COMMUNICATION RISK FREE

You'll have maximum legal power and all 40 FCC-licensed channels. And frankly, I bet you'll have a ball talking to friends.

If you're not 100% thrilled with its PLL digital tuning, simply return it in its original box to DAK within 30 days for a refund.

To order Maxon's Switchable 1-to-4 Watt, 40-Channel CB Radio with Automatic Gain Control, 12-Volt DC Power Cord and Belt Clip risk free with your credit card, call toll free or send your check for just **$59.90** ($6 P&H). Order No. 5400. CA res add tax.

Add instant portability with 10 ni-cad batteries and an AC power cord/charger. It's just **$29.90** ($3 P&H). Order No. 5401.

You'll be able to summon help, get directions and listen to other CBers. And, who knows, one 'dark and stormy' evening, you just might turn out to be a hero, too.

Technician Annihilator

Forget waiting weeks for your broken(?) equipment. Now you can instantly diagnose out-of-phase speakers, broken video cables, dead batteries, low impedance and more. Plus, obliterate outrageous repair bills.

By Drew Kaplan

It's frustrating. Over the last 20 years, I've discovered that most electrical problems are usually pretty simple.

Many 'defective' returns we receive at DAK are actually in perfect condition. The real problem is often a bad patch cord, mismatched polarity or a dead AC adapter.

And recently, a friend had his computer in the shop for a week, only to discover the problem was simply his power cable.

Well, now you can solve many simple electrical problems with the same diagnostic tool used by technicians. It's easy.

PRICE SLASHED NOW JUST $39.90

Use Order No. 5303. Plus ($6 P&H)

Now you can solve frustrating electrical problems effortlessly! Plus, say 'goodbye' to high-priced repair bills forever.

Now you can instantly test the polarity of your speaker leads to ensure perfect phasing. (It makes a night-and-day difference in your bass response.)

Plus, now you can test the continuity of your computer cables, the impedance of your speakers or the fuses in your car. And, now you can check your AA, C, D and 9-volt batteries to see if they're still good.

The Technician Annihilator has a built-in buzzer for meter-free continuity testing. Plus, you can measure resistance from 0.2 ohm to 10 megohms. And, you can measure voltage from 0.1 volt to 10,000 volts.

There's also a front-panel calibration adjustment to ensure exacting precision.

Its red positive (+) and black negative (-) probes with screw-on alligator clips are designed for years of use. And, its parallax-free meter scale ensures accurate readings.

Attention Technicians: Sure, this ultra-sensitive piece of test equipment can solve simple problems for us amateurs. But, you can use it to solve major problems.

The Technician Annihilator uses one 9-volt and two AA batteries (included) and it's backed by a limited warranty.

ANNIHILATE TECHNICIANS RISK FREE

Now you can easily test extension cables, audio components or your car's electrical system. And, now you can save time and money when nothing is seriously wrong.

If you're not 100% thrilled, simply return it to DAK within 30 days in its original box for a courteous refund.

Is your antenna connected? Do you have a bad patch cord? Is your toaster getting power? Now you can beat virtually any electrical problem without calling a repairman and save money, too.

To order your Technician Annihilator with Positive/Negative Probes, Matching Alligator Clips, Front-Panel Calibration and Continuity Buzzer risk free with your credit card, call toll free or send your check for just ~~$49.90~~ ($6 P&H). Order No. 5303.

Forget sending equipment (that really isn't broken) in for repairs. Now you can check speaker wires, lamps and even your stereo's power output instantly and easily.

Now you and your family can enjoy the convenience and security of KEYLESS home access.

Keyless Fortress

Forget keys forever. Now your entire family can come and go with just the touch of a few buttons. Plus, this incredible new home security/convenience system is virtually installation-free. Wow!

By Drew Kaplan

It's a dilemma. My kids are constantly coming in and out of the house without their keys. If I lock the door, I have to stop what I'm doing and get up to let them in. If I leave it unlocked, I've got a serious security problem.

Well, no more. Now with this new push-button security system, you'll never have to carry a house key again. Simply push a few buttons. And instantly, your door opens.

And, if your children get home before you do, relax. Now you'll never find them waiting alone on the porch again.

Now my teenager can let himself in after a late-night date. Now I can walk the dog without having to remember my keys. And now, my wife can enter the house quickly and safely without fumbling for her keys.

BURGLAR BAFFLER

It's fiendish. I've just read an article that exposes burglars' latest ploy. Working as car valets, the thieves make copies of customers' house keys. And then, they walk in!

But, this push-button security system has no keys to copy and no locks to pick. It's even hacksaw-proof!

The dead-bolt shaft is designed with a free-spinning hardened-steel core. So a hacksaw blade can't saw through it.

Plus, you can change your personal combination anytime you wish. It's an incredible convenience. It's great security. And, if you're like me, you'll sleep better knowing no master key can let a prowler walk in.

The Keyless Fortress fits any standard door between 1 3/16" to 2 3/16" thick. It simply replaces your current dead-bolt lock (plus a simple drill hole). And, it's backed by a standard limited warranty.

PROTECT YOUR FORTRESS RISK FREE

Now you can enjoy the keyless freedom and convenience of push-button security. Now you'll never worry about a locked-out loved one again. And, now you'll know your home is well-protected.

If you're not 100% thrilled, simply return it to DAK in its original box within 30 days for a courteous refund.

To order your Keyless Push-Button Security/Convenience System with Hardened-Steel Core Dead-Bolt, Changeable Combination and Easy-Installation Hardware risk free with your credit card, call toll free or send your check for just **$79.90** ($4 P&H). Order No. 5399. CA res add tax.

Now you can walk to the store, jog or simply visit a neighbor without having to remember your keys. And, you'll never have to worry about you, your spouse or your kids being locked out again.

DAK INDUSTRIES INC.

Call Toll Free For Credit Card Orders Only
24 Hours A Day 7 Days A Week

1-800-325-0800

For Toll Free Information, Call 6AM-5PM Monday-Friday PST

Technical Information.....1-800-888-9818
Any Other Inquiries.....1-800-888-7808
8200 Remmet Ave., Canoga Park, CA 91304

The Great Microphone Gamble

The stakes were high. But, the risk was worth it. Now thrill to the studio-quality microphones that brought the house down at Carlos 'n Charlie's on the Sunset Strip. And, wait till you hear your own 'live' performances with my added BONUSES.

By Drew Kaplan

Frankly, it was a crap shoot. I wanted to put these studio-quality electret condenser microphones to the ultimate test.

Well, what could be better than the Limeliters playing live at the world-renowned Carlos 'n Charlie's Nightclub?

The Limeliters are friends of mine. So I asked them to substitute 4 of DAK's microphones for their mikes for just one song.

They had reservations, but they agreed. Right then I got nervous. Sure I lab-tested them. And, the specs were great. But, I had no idea how the mikes would respond to the awesome demands of a live concert.

As the lights dimmed, I realized no one in the audience would notice if the mikes worked great. But, if there was any distortion or lack of brilliance, I'd never live it down. Plus, the show was being recorded on digital audio tape (DAT).

Lou, Alex, Red and John launched into a hand-clapping, foot-stomping rendition of 'Hard Traveling'. I crossed my fingers, swallowed hard and hoped for the best.

About two minutes later, I glanced around the club.

Add rich resonance and incredible depth with DAK's optional Digital Echo. It's just $10 with your Microphone order.

Carlos 'n Charlie's sound engineer was shaking his head in disbelief. The Limeliters looked surprised, too.

The mikes were capturing every note sung and played. After a few more songs, Lou looked in my direction and said to the crowd "Hey Drew, these mikes are great!"

The Limeliters performed their **entire** show with the DAK mikes. And afterwards, I found them listening to the DAT tape in astonishment. The mikes had reproduced the live concert with incredible fidelity.

AWESOME AUDIO PERFORMER

Now you can capture deep resonating bass, seize the chilling highs of a soprano or the shimmer of brushes on a cymbal.

The wide 30Hz to 20,000Hz frequency response ensures that you'll capture the full dramatic impact of all your music.

Use them 'live' on stage. Use them in school auditoriums. Use them at sales meetings, lectures or in church. You'll thrill to remarkably pure, professional sound.

Plus, they're perfect for vocal and instrumental recordings. Now you can make rich, professional recordings of your songs, speeches or children's recitals.

ELECTRET VS DYNAMIC

Most professional entertainers still rely on dynamic microphones. But, dynamic microphones do have limitations.

A dynamic mike is like a loudspeaker in reverse. Sound vibrates a cone and generates an electric signal. But, because the cone is relatively large and heavy, it's not as sensitive to high frequencies.

The Limeliters brought the house down with DAK's microphones—and you can, too. Be a 'hit' at your next seminar, lecture or recital. And, wait till you hear your vocals and instrumental recordings.

Electret mikes (like DAK's) use a permanently-charged capacitor to reproduce sound energy. Because the electret mike has very little mass to move, it's incredibly sensitive.

Plus, its FET amp boosts the signal for ultra-low noise and low distortion. And, unlike most electret mikes, DAK's mikes are specially designed for maximum Sound Pressure Levels.

And, look at this. DAK microphones have a professional cardioid design. In short, they reject the ambient sounds from the side and rear, so you hear only the performer and not the audience.

The FET amp is powered by a single AA battery (not included). And, the output impedance is 600 ohms for compatibility with stereos, tape decks and PA systems.

Place your microphone precisely where the action is with DAK's Mike Stand. It's only $10 with your Microphone order.

Each microphone comes with a 16-foot shielded cable tipped with a ¼" phono plug. And, there's an included foam, slide-on windscreen.

Each professional electret condenser microphone is designed to DAK's strict laboratory specifications. And, it's backed by our own standard limited warranty.

WHAT IF YOU'RE NO LIMELITER?

Not all of us can sound as great as the Limeliters. But, now with the Optional Digital Echo (it's just $10 with your microphone order) we can sound almost as good.

It works with any mike with a standard ¼" phono plug. Simply adjust the amount and speed of the rich resonant echo you want to add to your voice and sing.

Very Important: It's not a Karaoke machine. It's infinitely superior. In fact, it's the same kind of Digital Echo Microphone Module used by professionals.

THREE LEGS TO STAND ON

DAK is also introducing studio-quality microphone stands (now just $10 with your microphone order.)

You can adjust and lock the stand anywhere from a low 33" up to a full 60" high. Plus, you can extend, retract and set the 32" counterbalanced boom to any angle.

The stands are made of chrome-plated steel that's super durable. Plus, they're light enough to carry from the bedroom to the sound room. And, they fold so you can store them in a closet or trunk.

OWN A SURE BET MICROPHONE RISK FREE

Wait till you hear how you sound through your stereo, in a studio or through a PA system. And, wait till you hear your professional-quality recordings.

If you're not 100% thrilled, simply return them to DAK in their original box within 30 days for a courteous refund.

To order your Electret Condenser Microphone with FET Low Distortion Amplification, 16-foot Cable, Wind Screen and Carrying Case risk free with your credit card, call toll free or send your check for just **$49.90** ($3 P&H). Order No. 5245.

Order DAK's Variable Digital Echo for Professional-Sounding Recordings. It's just **$39.90** ($3 P&H). Order No. 5396.

SPECIAL BONUS #1: Order a DAK Microphone and get your Digital Echo for just **$10** ($3 P&H). Special Order No. 5397.

Order DAK's Microphone Stand with Fully-Adjustable Boom. It's just **$49.90** ($6 P&H) Order No. 5152.

SPECIAL BONUS #2: Order a DAK Microphone and get your Stand for just **$10** ($6 P&H) Special Order No. 5398.

You'll thrill to incredible acoustic richness. And, you'll capture phenomenal-sounding recordings in your own home, the studio or live on the Sunset Strip.

Personal Movie Theater

Watch movies in your bedroom, office and patio. Enjoy live TV and recorded shows in your den, garage and workshop. Now, for industrial presentations or home enjoyment, you, your clients and your family can escape to a private 'by invitation only' showing of your favorite films, presentations or programs.

By Drew Kaplan

It's video freedom. Watch what you want. When you want. Where you want.

Now if you're in your office, your bedroom or barbecuing on the patio, you can thrill to private screenings of your favorite movies.

And, you can use the built-in TV to catch the ballgame while working at your desk or while lounging on your lawn chair.

It's great. Now while my wife watches a love story in our family room, I can view an action-adventure movie in my home office. And, the kids can watch cartoons and educational programs quietly in their room.

This personal movie theater goes where you go. And, if you make business presentations, wait till you see the impact video will make on your customers, clients and business associates (more later).

It was engineered for business presentations. But, now you can thrill to awesome color and portability at DAK's blow-out price.

Exercise tip from Drew: Obliterate boredom. Now you can thrill to phenomenal video entertainment while working out on your rowing machine or exercise bike.

Special note: Pick out a good movie and watch it ONLY when you exercise. Your workouts will be longer and more enjoyable. Plus, now you'll look forward to tomorrow's workout to see what happens next.

And, where do you get the movies? Just set your main VCR to record one of those great late-night movies while you sleep.

Into aerobics? Forget cramped living room workouts. Now you can exercise along with your aerobics videos in any room.

Take your personal movie theater with you from room to room. Plus, bring it to work or on business trips and vacations. Then, simply plug it in and start watching.

VIRTUALLY INDESTRUCTIBLE

The personal movie theater is built for industrial use. And, with its heavy duty ABS plastic 'armor' it'll withstand a beating that would pulverize a normal consumer VCR.

A few years ago, there was a TV commercial where they dropped a suitcase into a gorilla's cage. Then the gorilla did his best to try and rip up the suitcase.

Well, I haven't given the personal movie theater the 'gorilla test' yet. But, you can take it from presentation to presentation and it'll last for years.

If you're in sales, you can take it from trade show to boardroom to your clients' offices for persuasive video presentations. It's much more powerful to see a product in use rather than pouring over spec sheets.

If you're a retailer, many of your distributors will supply you with videos especially made for in-store use. Simply place this 'electronic salesman' on the counter and watch your customers crowd around.

If you're in real estate, you can take your clients on guided video-tours through dozens of homes right in your own office. You'll never waste time showing customers properties they're not interested in.

And, if you're a teacher or corporate trainer, you can show your students everything from assembly-line safety to advanced sales techniques to how to use a computer.

There's nothing like 'seeing' how it's done. And, there are training videos available on just about every subject.

TOTAL PRESENTATION SYSTEM

In addition to the VHS Video Cassette Player, you'll thrill to the built-in high-resolution 5" color monitor/TV. The picture is breathtakingly sharp and clear.

There's also a built-in RF-out cable so you can easily connect your personal movie theater to a larger TV screen.

Watch any SP (standard play) VHS tape or TV channels 2-13 (VHF) and 14-83 (UHF). No setup or extra cables are required. Just plug it in and turn it on. And, the telescoping antenna gives you great reception.

The deck is top-loading with high-speed forward and reverse, auto-rewind and a tape counter with reset button.

Plus, the freeze-frame capability is miles ahead of most consumer VCRs. There's even an extra button that eliminates 'video noise'. Now when you 'freeze' your home videos, you'll be amazed at the detail.

Speaking of home videos, you can 'dub' sensational copies of pre-recorded VHS video tapes with your home VCR.

I use my camcorder to shoot family videos of our kids. Then I connect my personal movie theater to our living room VCR to make copies for all our relatives.

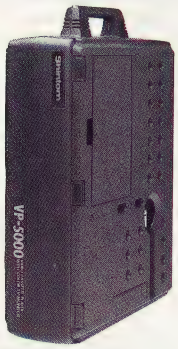
Warning: Do not use the personal movie theater to make copies of pre-recorded movies and videos. Many of them are copyrighted, and it's illegal to duplicate them.

The personal movie theater plugs into any standard AC outlet. It weighs 30 lbs. and it measures 22"H x 16½"W x 5¾"D (about the size of my briefcase).

It's made by Shintom (a big name in industrial video) and is backed by their standard limited warranty.

THRILL TO VIDEO FREEDOM RISK FREE

Enjoy all the latest video rentals anywhere in your home. Bring thrill-a-minute video entertainment with you from room to room or across the country. And, see great sports and TV shows anyplace there's an electrical outlet.



You can easily carry it from room to room or city to city.

You can watch 'how-to' tapes in your workshop. Or, put your personal movie theater on your nightstand for late-night viewing (there's a built-in earphone jack).

Plus, now you'll enjoy exciting movies as you pedal your exercise bike or sweat off the pounds on your rowing machine.

If you aren't 100% thrilled, simply return it in its original box within 30 days to DAK for a courteous refund.

To order your Shintom Personal Movie Theater Portable Video Cassette Player with Extra-Sharp Freeze-Frame, Automatic-Rewind, Resettable Tape Counter, RF-Out Cable, High-Resolution 5" Color TV Receiver/Monitor and Armored ABS Carrying Case risk free with your credit card, call toll free or send your check for DAK's market-blasting price of just ~~$349~~ ($19 P&H). Order No. 5353. CA res add tax.

See the evening news as you prepare dinner. Thrill to an action movie anywhere in your home. Plus, make powerful business presentations in your office or on the road. Now you can enjoy an industrial-quality video system that's great for the family, too.

PRICE SLASHED NOW JUST $299

Use Order No. 5353. Plus ($19 P&H)

Now you can enjoy your favorite rented movies OR TV shows in any room of your home. Plus, it's a must for sales presentations.

Message Missile Unleashed

It delivers a double payload. It's more than an answering machine. And, it's much more than just a cordless phone. Now, you can use its cordless handset to SCREEN your calls from your bedroom, yard, garage, basement, patio or anywhere. Wow!

By Drew Kaplan

It's fully armed. It's microprocessor-controlled. And, it's the latest in offensive and defensive communication weaponry.

No, it's not the MX missile. But, its ability to eliminate problems is just as powerful.

Forget complex answering machines. Forget static-riddled cordless phones. And, forget coordinating two machines at once.

Sure, it's a great cordless phone. Sure, it's a great answering machine. But, it's much more than just a combination of the two.

CALL SCREENING MAGNIFIED

Answering machines are great. And, I love screening my calls. I can hear who is calling and what they want to say before I pick up the phone.

At home, I keep my answering machine in the kitchen and screen calls during dinner. Unless there's an emergency, my family can eat together in peace.

The Problem. I spend a lot of time writing in my home office. If the phone rings, I have to stop writing (breaking my train of thought) and either answer the call or race to the kitchen to screen it.

Recently, I was in bed with the flu. My head throbbed and my body ached. My wife was out for the day and I wasn't up to talking.

In the office or sick in bed, you'll know exactly who's calling before you answer.

Unfortunately, she was expecting a bunch of calls from the school parents' committee. And, I was waiting for an important call from Japan.

I finally received my call, but only after trudging to the kitchen to screen 6 of her calls. I could have answered them, but then I would have had to take notes of the information they were leaving.

And, an answering machine is an infinitely more efficient note taker than I am.

So, when Cobra showed me this revolutionary phone system, I had to have one.

Now, wherever I am, I can screen my calls effortlessly. The cordless handset in this system is also a **Remote Call Screener.** Here's how it works.

The kids are with grandma. And, it's just me, my wife, a fire crackling in the fireplace and some quiet music. I just turn on the answering machine in the kitchen and take the cordless handset with me to the couch.

If I get a call, I can screen it by pressing the 'Screen' button and listening to the caller.

If it's important, I just switch the handset to 'Talk' and take over the line. Otherwise, I let the machine protect our privacy.

It's incredible. Now, from my bedroom, backyard or garage I can control whom I talk to automatically. And, I'm always in total control of my privacy.

COMMAND CORDLESS FIREPOWER

Pick up the sculptured handset. Switch it on. Make a call. You'll hear remarkably crisp sound. This phone's microprocessor 'Clear Call Circuitry' gives you audio quality that rivals corded phones.

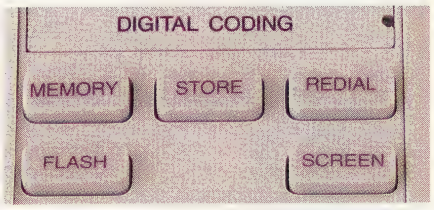
You can store up to nine of your most frequently dialed numbers. You'll have 18-digit redial, Pulse/Tone switching, and LED indicators. Its 32 digital security codes prevent false ringing. And, it uses the latest 46/49MHz technology.

Protect your privacy. Now, 'screen' calls from anywhere in your home with the cordless handset.

Plus, you can roam up to 1000' from the base. So, you can talk from your patio, workshop or backyard with cordless ease.

ONE FINGER ON THE BUTTON

Operating this answering system is easy. To record your outgoing announcement, just touch 'Rec' and talk into the built-in electret condenser microphone. And, to playback your messages, just touch 'Play'.



Dial up to 9 clients, friends or relatives. Instantly redial a busy number. And, screen your calls at the touch of a button. It's easy.

Plus, look at this. You can save or erase your messages or play them back even when you're out. Simply dial your personal code from any touch-tone phone.

This beeperless answering wonder also has 'Toll Saver'. Now, you'll know by the 2nd ring if you have any messages.

Plus, it has 'forgetting insurance'. If you leave home and forget to switch it on, you can call and turn it on remotely.

There's also speaker volume control, LEDs that show every function and 'Flash' for telephone company services. The Message Missile is made by Cobra, and backed by their standard limited warranty.

UNLEASH A MESSAGE MISSILE RISK FREE

Imagine remotely screening your calls from your bedroom, patio, or home office. Imagine instantly retrieving your messages from work, a restaurant or a friend's house.

If you're not 100% thrilled with its one-touch message retrieval, crisp sound quality and privacy-protecting remote call screening, simply return it to DAK in its original box within 30 days for a courteous refund.

Whether you're out in the garden, down in the basement or doing the laundry, you'll thrill to up to 1000 feet of cordless freedom.

To order your Message Missile with Cordless Phone, Remote Call Screening, 9-Number Memory, Last Number Redial, Tone/Pulse Dialing, Plus Its One-Touch Answering System with Beeperless Remote Message Retrieval and much more risk free with your credit card call toll free, or send your check for ~~just $169.90~~ ($6 P&H). Order No. 5229. CA res add tax.

Never miss an important telephone call, again. Activate cordless communication firepower wherever you are. You'll effortlessly SCREEN your calls from your backyard, den, or garage. And, your Message Missile will vanquish the rest.

PRICE SLASHED NOW JUST $129.90

Now you can thrill to microprocessor-controlled communication and remote call screening for just **$129.90** ($6 P&H). Now, you can hear crisp 'corded' sound from your kitchen, bedroom, office or workshop. Plus, you'll protect your valuable privacy, too.

2-Line Answering Freedom

Now you can have both of your phone lines answered automatically. Now you can screen calls on one line without getting off the other. Plus, wait till you experience the incredible sound quality of this hands-free, memory-dialing speakerphone.

By Drew Kaplan

You're on the phone. Suddenly, your second line rings. No problem. Now you'll never have to break off your conversation on one line just to pick up the other line.

Cobra's new 2-line intelligent answering wonder will AUTOMATICALLY answer the line **you're not on.** You'll never miss a call.

Put Line 1 on hold, switch to Line 2 or enjoy speakerphone freedom . . . all at the touch of a button!

Best of all, you can listen in as your caller leaves his message. If it's important, you can take the call. If it can wait, you can continue with your first caller.

Plus, when you're not using either line, you can select only Line 1, only Line 2 or both lines to be answered. So now, you'll have total automated answering freedom for two separate phone lines.

BEEPER BASHER

Forget cumbersome beepers. Now with one quick call you can retrieve all your messages from **both** lines using any touch-tone phone.

Now, whether you're in the office, at a friend's home or away on a business trip, you can easily retrieve all your important calls.

Plus, with Toll Saver, you'll never spend the cost of a phone call if you have no messages.

Now when you call in to check your messages, if your 2-line answering marvel doesn't answer by the 3rd ring, there are no messages. Simply hang up and you've saved yourself the cost of the call.

Need message security? Just program your own personal code. Now only you will have access to your messages.

EASY ANNOUNCEMENTS

If you've ever tried to record on a loop-tape machine, you know how frustrating it is making your outgoing announcement just the right length. It can take forever.

Now on a single microcassette you can record your announcement from 2 seconds up to 1 minute. Your announcement will always be the right length.

Plus, incoming messages are taken on the same microcassette. And, messages are only recorded for as long as the caller continues to speak. Forget cut-off messages.

If someone speaks for 20 seconds, that's how long the message will be. And, if they hang up, there will be no message. You'll never listen to any 'dead space'.

PRIVACY PROTECTOR

I hate being interrupted by a call on one line when I'm talking on another. Usually it's someone for the kids, or worse, one of those computerized telemarketing machines.

Well, no more. Now if you're talking on one line, and someone calls on the other, you can 'listen in' and decide which call is important and which call can wait.

And, of course, if you're not on the phone at all, you'll have this fabulous privacy protector taking your messages. You can even turn down the volume for whisper-quiet privacy while you sleep or watch TV.

MEMORY DIALING, TOO

If you're like me, you call lots of different people during the day. Some are friends. Some are family. And, some are important clients. But, having to memorize each and every number can really be a pain.

Well, look at this. Touch a button and you can automatically dial any of 20 different numbers. Now you can dial a business associate, your parents or even order a pizza, all at the touch of a button. It's great.

SUPERB SPEAKERPHONE

Wait till you walk around the room talking over the hands-free speakerphone. You'll be amazed at its crystal-clear sound.

Now you can take notes, use your computer or even grab a file from across the room while talking 'hands-free'.

You can even dial out or receive calls on either line without ever lifting the receiver. And, with its sophisticated conference feature, you can even talk to both callers at the same time. What a business phone!

You'll also have Tone/Pulse, Redial, Mute, Pause and Flash. And, with true 'electronic' hold you can pick up your call at another extension and it will release that line.

It's engineered with the latest and most comfortable phone company Style K handset. And, it's both wall and desk mountable.

Easy installation. Simply plug it into any standard modular 2-line jack or two modular 1-line jacks. Then, plug in the included AC adapter and you're in business.

It's manufactured by Cobra and backed by their standard limited warranty.

TWO-LINE ANSWERING FREEDOM RISK FREE

I'm as thrilled with the two-line call screening as I am with the 20-number One Touch dialer. Plus, I really love the 'no-hands' freedom of the speakerphone.

If you're not 100% thrilled, simply return it to DAK in its original box within 30 days for a courteous refund.

To order your 2-line Integrated Answering Machine/Telephone with 20 Number Memory Dialer, Hands-Free Speakerphone, Push-Button Redial, 2-line Electronic Hold, Tone/Pulse Dialing, Mute, AC Adapter, Microcassette and Batteries, risk free with your credit card, call toll free or send your check for just ~~$189~~ ($7 P&H). Order No. 5501. CA res add tax.

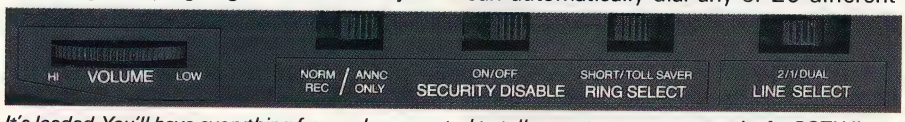
Wait till you hear the sound quality of your announcement. And, wait till you hear the quality of your callers' messages. But, best of all, wait till you have all these automated features making your life so much easier.

PRICE SLASHED NOW JUST $169.90

Use Order No. 5501. Plus ($7 P&H)

Screen calls effortlessly. And, thrill to total automated phone freedom with this 2-Line Telephone/Answering Machine.

It's 2-line freedom! Now you'll never have to interrupt an important call to answer your other line. Plus, you'll never MISS an important call on Line 2 just because you're on Line 1 (or vice-versa).



It's loaded. You'll have everything from volume control to toll-saver to message security for BOTH lines.

2-WAY COMMUNICATIONS BREAKTHROUGH

Brainwave Broadcaster

Effortlessly hurl your thoughts to friends and family on your next bike ride, hike or field trip. Put HANDS-FREE communication to work in your warehouse or construction site. Now you can thrill to a revolutionary new technology for just $39.90.

By Drew Kaplan

It's strange. We hear ourselves differently than other people hear us. Listen to your own voice on tape. It probably sounds unnaturally high and thin.

That's because when you speak, your vocal chord vibrations are carried via tiny passages called Eustachian (yoo-sta-shen) tubes to your eardrums. And, these vibrations reverberate throughout the solid parts of your head. Fascinating!

It's commonly called **bone conduction.** And, it's why we hear our own voices with rich, full sound. But, what really has me excited is the way Maxon has applied this phenomenon to improve 2-way communication.

Because now you can project the rich, natural sounds of your own voice. Effortlessly hurl your thoughts through the air. And, communicate with friends, family and co-workers **hands-free.** Read on.

RECREATION & RECONNAISSANCE

Now, you can communicate with co-workers at the job-site from the office. You can direct the kids across a mountain on your next hike. And, on fishing trips, you can talk with friends clear across the lake.

At work, at home or on the road, this new 5-channel communications system will transmit your voice up to 1/8 mile.

You'll keep in close contact with your hunting partners when you're out to bag the 'big one'. And, you'll have safe and effective communication on construction sites.

The micro-sized earpiece/microphone actually transmits your voice from vibrations in your auditory canal. And, the sound fidelity is incredible.

TECHNOLOGICAL BREAKTHROUGH

Armed with the scientific data on bone conduction and eardrum sound capabilities, Maxon's engineers set out to harness this strange biological wonder.

First, they developed a sensitive miniaturized microphone and speaker into a sophisticated earpiece.

All sound is picked up and played back with remarkable fidelity through this comfortable microphone/speaker earpiece.

Then, they combined this unique device with a 49MHz 5-channel communicator. And now, you'll not only have hands-free communication, you can forget cumbersome headsets and boom mikes, too.

It's especially useful when you wear a helmet or a hardhat. Now, there's nothing to get in your way or block your vision. And, wait till you hear the powerful rich sound.

VOICE-OPERATED ADVANCEMENT

Say anything, even whisper. The earpiece's ultra-sensitive microphone picks up the subtle vibrations in your auditory canal.

Forget clumsy microphones. Forget cumbersome headsets. And, forget static-riddled walkie talkies. Now, thanks to a strange discovery we can all thrill to a communications breakthrough.

Instantly, a VOX (Voice Operated) circuit engages the transmitter and your voice rockets out over the airwaves. The moment you stop speaking, it automatically switches to 'stand-by' and awaits a reply.

And, look at this. The dual-conversion superheterodyne circuitry in the receiver really picks up voices. You'll always hear a crisp, clean voice from the other side of the house, the block or the valley.

But, there's more. In addition to the VOX circuit, there's a PTT (Push-To-Talk) button.

Whenever you need to speak below the threshold of the VOX's highest sensitivity, just push the PTT button.

Special note to motorcyclists and bike riders: This advanced communicator comes with a second 'remote' push-to-talk button for your handlebars.

You'll especially appreciate the 4 sculptured earplug adapters that fit comfortably in your ear. It isn't bothered by helmets.

Clip it on and stay in touch. Now whether you're on the slopes, at the beach or on the road you'll thrill to advanced hands-free communication.

And, your other ear is left free for safety.

5-CHANNEL COMMUNICATOR

Most hand-held communicators allow just 2 people to talk. Now, with this communications advancement you can listen to as many people as you like.

So, if you're on a ski team, a SWAT team or a football team, everyone can hear.

Plus, this top-of-the-line industrial communicator comes complete with 5 switchable channels. So, up to 5 separate conversations are possible.

It's great for stage technicians where the lighting crew can use one channel, and the sound crew can use another.

You can use it on the loading dock to talk to truckers or at construction sites to stay in contact. And, if you're a security guard, instantly summon help just by speaking.

If you hunt, fish or photograph wildlife, you'll love the VOX sensitivity dial. It's infinitely variable to fit your exact needs.

All the electronics are contained in a compact 5¼" x 2" x 1" case. No FCC license is required. And, the entire system is powered by a single 9V battery (not included).

It's engineered by Maxon and backed by their standard limited warranty.

BROADCAST YOUR BRAINWAVES RISK FREE

Imagine hands-free communication on your next bike ride. Imagine 'ship-to-shore' exchanges with friends on the beach. And, if you're a real daredevil, imagine taking it skydiving or hang-gliding.

If you're not 100% thrilled, simply return it to DAK within 30 days in its original box for a courteous refund.

To order your Brainwave Broadcaster 5-Channel, 49 MHz Two-Way Communicator with Advanced Earpiece Microphone/Receiver, VOX and PTT, VOX Sensitivity Control, Remote PTT Button, 4 Earplug Adapters and Built-in Belt Clip risk free with your credit card, call toll free or send your check for ~~just $59.90~~ ($4 P&H). Order No. 4984. (Minimum 2 required). CA res add tax.

Now whether you're skiing the slopes, scaling a mountain or building a skyscraper, you're always in the middle of the action.

And, wait till you hear the incredible fidelity and crisp sound quality.

PRICE SLASHED NOW JUST $39.90

Use Order No. 4984. Plus ($4 P&H)

Thrill to 2-way hands-free communication anywhere. Keep in touch with family and friends, hands-free, while cycling, skiing or backpacking.

Hiss and Secrets Expunged

Thrill to hiss free audiophile cassettes. Keep confidential dictation cassettes confidential. And destroy the data on floppy disks instantly. It's easy with this remarkable new AC-powered bulk eraser.

By Drew Kaplan

It's frustrating. You buy the best cassettes. You have the finest cassette decks.

But whether you re-record your cassettes or just perform level checks, if you're like me, you will experience increased hiss and distortion.

Here's why. When you record cassettes, you're actually laying down two tracks in each direction on the tape.

When you re-record, you are erasing the tracks and laying down new tracks over the old ones. Well, the erase potential of your cassette deck is more than adequate to erase the tape.

But, as the tape moves by the head, the track you are erasing often skews (moves) slightly from side to side. So, when you re-record or play back a tape, you're still hearing the 'old' edges of tracks coming and going as the tape moves slightly from side to side.

Video Too. Use it for video. Instead of decreased hiss, you'll see less snow.

Even new tapes are bulk erased. When we make tape, it's made in widths that are 12" to 25" wide. In the process of slitting the tape, steel blades (often magnetized) are used that can cause 'squeal' to be recorded on the tape.

So, it's always a good idea to bulk erase a tape (called degauss) before you make your own recording.

Unfortunately, audiophiles who perform level checks and fine bias adjustments before recording, probably experience the most noise and distortion.

CHIEF OF SECURITY TOO

Don't throw out dictation cassettes or floppy disks. Competitors can get their hands on them and learn valuable information. Everyone shreds documents.

But, who remembers to erase old dictation cassettes and floppy disks?

Once they're bulk erased, the data has gone to data heaven. And, you'll have much better sounding dictation cassettes. Note: floppy disks need only be bulk erased for security.

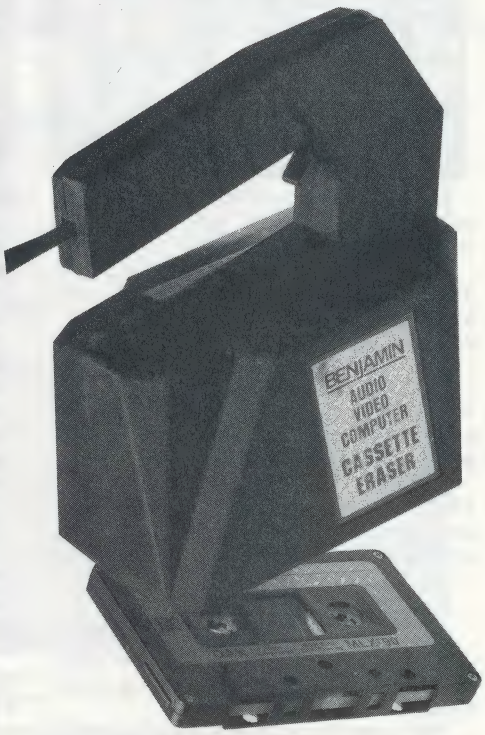
Bulk erasing of any magnetic product returns the magnetic particles to a random pattern. So, you can get cleaner recordings. It's AC powered. It has a full 2,000 gauss demagnetizing force. It's made by Benjamin and backed by their standard limited warranty.

A HISSLESS SECURE TOMORROW RISK FREE

Get the most dramatic sound from your cassettes. Keep your secret dictation and floppy data 'secret'. Now, it's all just a push of a button away.

If you're not 100% thrilled with your new sound or security, simply return the Bulk Eraser in its original box to DAK within 30 days for a courteous refund.

To order your Audio/Video/Computer Bulk Eraser to help eliminate hiss from audio and snow from video, plus protect your secrets, risk free with your credit card, call toll free or send your check for just **$49.90** ($3 P&H). Order No. 5132.



Now, audiophiles can stamp out hiss. Videophiles can stamp out snow. And, business people can stamp out leaks.

Soldering Made Easy

Get your projects finished quickly and easily with this reliable cordless soldering iron. For your home, your car, camper, boat or the great outdoors, cordless soldering power is yours. Just wait till you try its cordless freedom.

By Drew Kaplan

It's true. For pleasure projects or chores, the right tool makes all the difference.

In your yard, at your workbench or in your car, you can now have cordless, rechargeable soldering power.

So, you don't do much soldering? Well, if you have speakers for your stereo, cable for your TV, or have ever had a wire on a 9V battery clip from one of your portables break, this is the tool for you.

Whether I'm connecting TV wires on the roof, fixing my automatic sprinklers in the yard, or just tinning the end of speaker wires, now it's all easy.

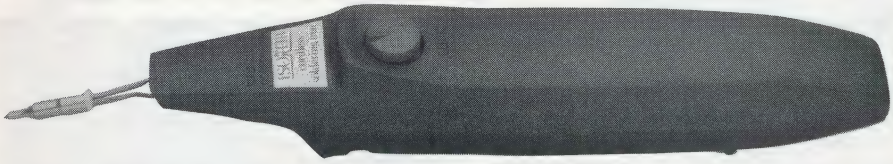
You can run wires in your attic or put speakers in your car. Of course, you can solder printed circuit boards and all your regular soldering jobs perfectly, with this cordless solderer.

Danger. If you connect your speakers without tinning the ends of the wires, you can short out your amplifier. So, what's tinning?

Well, speaker wire is stranded, and when you twist the end to fit into your amplifier or speaker terminals, if you're at all like me, as you shove in the wires, a few push back and are left loose.

Well, with a soldering iron, all you do is apply a little solder after you twist the ends and you'll never have a loose wire to short out your amplifier.

If you run sprinkler wires in the yard, antenna wires around your house or speaker wires from room to room, every connection should be soldered.



I can't tell you how many times what works today won't work in a few months because the wire at the joint has oxidized.

Before cordless soldering, professionals used solder and a match to ensure long-life connections.

I learned this when I had DAK's first burglar alarm installed. Of course, I later found TV and audio installers doing it too.

When I was an installer (yes, I used to do custom home stereo installations), I would bring a 50' extension cord. Well, now it's easy, fast and you'll never have bad connections to plague you again.

Of course, you can fix stereo equipment. This small, yet powerful tool can fit in places most soldering irons can never go. And, for installing car stereos or burglar alarms, it's a must.

It's really a phenomenally useful tool to own. It's also great for burning wood or melting through plastic.

It will solder an average of 160 connections per charge. It operates from its internal Ni-Cad batteries (included). And, it comes complete with charger.

It has a built-in focused lamp to light the area you're soldering.

Whether you build kits and solder all the time, or simply need to make an occasional repair, this cordless solderer is a really valuable tool. It's made by Wahl, and backed by a limited warranty.

SOLDERING FREEDOM RISK FREE

Imagine soldering speaker wires behind your stereo with no AC cord to plug in. Imagine soldering sprinkler wires on your patio. And imagine helping your child with a school project.

If you don't find all your jobs easier and quicker, simply return it in its original box within 30 days for a refund.

To order your Cordless Soldering Iron risk free with your credit card, call toll free, or send your check for just **$29.90** ($3 P&H). Order No. 5211. CA res add tax.

You'll be thrilled by the quality of the soldering iron and you'll be thrilled by the quality of the work it performs for you. Gain cordless freedom and get your projects off to a flying start.

Picture Power

Here's a 10db amplifier that will help you get sharp, snow free pictures or crystal clear FM broadcasts.

It uses standard 75ohm coax cable. You won't have any installation to do because you get a 3' extension cable with the amplifier.

You'll be amazed at the improvement. You'll bring in distant stations with ease. And, if you've got several sets hooked up to one cable, an amplifier can make a tremendous difference.

It's just **$19.90** ($3 P&H). Order No. 4931. Why not see just how much better your picture can be when it's amplified, or how much cleaner your FM can be.

Videophile Booster

When only the very best will do and if you live in a fringe area or have several VCRs, this booster is for you.

It has a variable video gain from 12 to 20db. Wow, it's really powerful. When you want the finest recordings or if you're watching a projection TV, it's the best.

It boosts VHF, UHF and FM. It's yours for just **$49.90** ($3 P&H). Order No. 4939.

You'll have clean crisp video without flicker and snow!

SUPER-DUPER

If you've got two VCRs (stereo or mono), you can now make flawless recordings hassle free.

By connecting the audio and video 'line' outputs with the special gold plated super shielded cables, you'll see a real improvement in your copies. Virtually every VCR has RCA line jacks.

You can adjust the gain and even fade the picture. And if you're going to watch a tape in the future, it's really smart to make the best copy possible.

The Ambico Super-Duper, complete with all cables including stereo capability, is just **$39.90** ($3 P&H). Order No. 4940. For superb pictures and stereo, it's great.

Cables Cables Everywhere

It's frustrating. With all the new video equipment, we never seem to have nearly enough coax cables around.

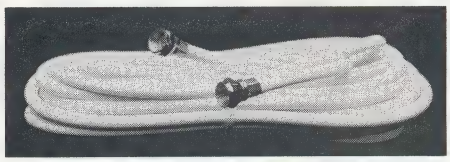
Well, now you can stock up on cables so that you can connect new equipment, change the location of existing equipment or hook things up in new ways.

Here's everything you'll need to make even the most complicated system easy. Cables have standard coax male ends that screw into TVs, VCRs and switchers.

3' cables are just **$3.90** ($1 P&H). Order No. 4934. 6' cables are just **$4.90** ($1 P&H). Order No. 4935. 12' cables are just **$5.90** ($1 P&H). Order No. 4936. 25' cables are just **$7.90** ($2 P&H). Order No. 4937.

Want to connect two cables? (Two 25' cables make a 50'.) An adaptor is just **$3.90** ($1 P&H). Order No. 4260.

2-Way Splitters let you send the same signal to two devices, like from a 'de-



coder' to two TVs. It's just **$4.90** ($1 P&H). Order No. 4261.

Now you can hook anything to anything hassle free. Happy viewing.

Phone Tap?

Now you can tap your own phone, get perfect recordings, never have to take notes, and never cut a wire.

It's great. The Phone Tap lets you make crystal clear cassette recordings (optional cassette recorder below) of both sides of any phone conversation effortlessly. Plus, it's totally automatic.

It's easy. Just insert the modular phone plug from the Phone Tap into any standard modular phone jack and plug the recording cable into any standard cassette recorder and you're ready to go.

INTELLIGENT

Once you've put a recorder on your phone line, you sure don't want it to run all the time. You'd spend your whole day changing cassettes.

The Phone Tap automatically feeds the signal to, and automatically starts the tape recorder as soon as any receiver throughout your system is lifted.

You will even get a recording of outgoing numbers as they are dialed, no matter which phone is used. It stops immediately when the call is ended.

There are only two plugs for you to plug into your portable cassette recorder. Plug '1' is plugged into the Mike input and plug '2' is plugged into the Remote.

Virtually all portable battery or AC recorders work perfectly with the Phone Tap, including the one I have listed below.

ILLEGAL

Caution...Please Note: It is illegal to tape many conversations. The Phone Tap makes absolutely no sound and when used in an office situation, doesn't light any of the phone lights.

So, you should warn the other party that the call is being recorded. Plus, it's illegal to record two people when neither of them knows that the recording is being made, such as on an office phone system or of a baby-sitter when you're out.

It is also illegal to use the Phone Tap on a party line as it will record all conversations on the line.

TRY THE PHONE TAP RISK FREE

Phone Tap is a cute name for a serious business aid. Record your conversations. See if the sound isn't crystal clear. Feel the security of knowing that you have a 100% correct permanent record of all of your agreements.

And, use it as I do instead of trying to take notes when somebody is giving you directions or information. Try the Phone Tap in your own home or office risk free. If you aren't 100% satisfied, simply return it in its original box within 30 days for a courteous refund.

To order your Phone Tap risk free with your credit card, call toll free, or send your check for just **$29.90** ($3 P&H). Order No. 5133. CA res add tax.

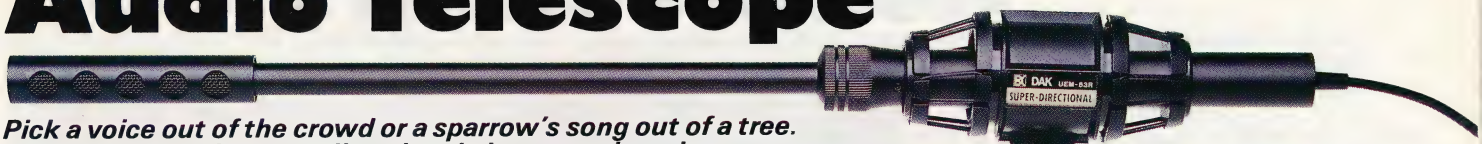
If you need a high quality AC/DC portable cassette recorder to use with the

Phone Tap (or for any general recording), I've got one that sounds great for just **$49.90** ($4 P&H). Order No. 5134.

It has a built-in mike, a great sounding full-range speaker and, of course, the Phone Tap will plug right into it. It's about 9" X 6" X 2". Both the recorder and the Phone Tap are backed by their manufacturers' limited warranties.

Now you can have a permanent tape copy of all conversations. Put the directions to a friend's new house in your car cassette deck. Play back recipes as you cook. And, there's real security in knowing that you can back up what you've said.

Audio Telescope



Pick a voice out of the crowd or a sparrow's song out of a tree. It's easy with this super-directional shotgun microphone.

By Drew Kaplan

It's the stuff spies dream of. If you've ever tried to record a singer while you're sitting in the audience, or a conversation from across the yard, you know that ordinary microphones pick up everything but what sounds you really want to record.

Well, now you can record a lecture from the back of the room or an owl's hoot from across a field. (And, if you're a spy, you can easily record other spies' conversations.) The sound will be crystal-clear. And, the wide, full, frequency response will amaze you.

Unlike ordinary microphones, this new Electret condenser super-directional shotgun microphone has battery-driven circuitry. The result? It can use an extremely sensitive sensing membrane to capture even the subtlest sound vibrations.

Imagine recording the emotion in your daughter's voice as she exchanges wedding vows. Imagine overhearing a quarterback as he calls signals at the line of scrimmage. And, imagine pulling in whispered conversations from across a street.

Warning: It's rude to eavesdrop on some conversations. And, in some cases, it's illegal. Do not use this microphone for eavesdropping or recording conversations.

It measures 17" long and is isolated from the stand by polymer O-rings. So it floats free from any outside vibrations.

A microphone stand mount, a tripod stand and a full-length foam wind screen are included.

It's powered by one AA battery (included). And, there's a mini phone plug for use with your video camera.

Plus, there's a 20-foot mike cable with both mini and ¼" plugs for professional recording. It's backed by DAK's limited warranty.

BE AN AUDIO ASTRONOMER RISK FREE

Now you can make professional recordings of business seminars, wildlife and your children.

Now you can eavesdrop on an eagle, record your child's starring part in the school play and hear the winning putt rattle to the bottom of the cup.

If you're not 100% thrilled, simply return it to DAK in its original box within 30 days for a courteous refund.

To order your Audio Telescope risk free with your credit card, call toll free or send your check for just **$69⁹⁰** ($4 P&H). Order No. 9736. CA res add tax.

You'll pull it all in. Whether you're stalking a rare species of wildlife, recording your child's birthday party or are on an undercover spying mission, you'll make superb recordings with amazing clarity.

The Voice Thrower

Imagine working on your computer, cooking a meal or grabbing a file from across the room while talking hands-free on the phone. Imagine automatically dialing friends and business associates at the touch of a button. Now imagine a speakerphone with redial, hold and MORE for $49⁹⁰.

By Drew Kaplan

I love speakerphones. When I get a call, I can take notes and even use my computer without ever picking up the handset.

And, when I'm at my test bench, I can call the manufacturer to verify some specs and keep on working completely hands-free.

Plus, when my wife prepares a 'special' dinner, she likes to call my mom for recipes. With a speakerphone, they can confer during each step as they prepare a gourmet meal.

Unfortunately, many speakerphones make you sound like you're talking from inside a barrel, which is why I really love this new armed-to-the-teeth speakerphone.

Now you can sort through your files as you speak to your accountant. Now your wife can chat with her friends while she does things around the house. And, now you'll hear and be heard with incredible clarity. The sound quality is astounding.

PUSH-BUTTON BOMBARDIER

Touch a button. You can instantly dial any of 20 of your personal numbers. Punch in 00 for 'mom'; or 01 and schedule a quick '9' with your golfing partner; or 02 to reserve a movie at your local video rental store.

With the 20-number memory (each number can be up to 15-digits long) you can even dial long-distance numbers by touching just 3 keys. Get a busy signal? No problem. Simply touch redial. And, the last number you called is automatically dialed for you.

The large backlit keypad makes dialing quick and easy.

The sound quality is so incredible, you may never pick up the handset.

Plus, look at all the extras. You'll have Hold, Pause, separate controls for Ringer Volume and Speaker Volume and an easy-to-dial-at-night Backlit Keypad. The Voice Thrower is engineered by Soundesign and backed by their standard limited warranty.

THROW YOUR VOICE RISK FREE

Wait till you hear the amazing fidelity of incoming calls. And, wait till your friends and associates hear you with incredible clarity on the speakerphone—even when you're speaking from across a room.

If you're not 100% thrilled, simply return it in its original box to DAK within 30 days for a courteous refund.

To order your Soundesign Speakerphone with 20-Number Memory, Hold, Pause, Ringer and Speaker Volume Controls, Easy-To-Dial Backlit Keypad for Night Dialing, Straight-Line Handset, Desk Stand and Wall Mount risk free with your credit card, call toll free, or send your check for DAK's breakthrough price of just **$49⁹⁰** ($6 P&H). Order No. 5503. CA res add tax.

The sound is incredible. And, the 20-number memory will put you in touch with friends, relatives and associates in a flash.

Roam Phone

Forget cumbersome handsets. Forget the 'chin-and-shoulder' telephone balancing act. And, forget numb phone ears forever. Now you can enjoy CORDLESS, HANDS-FREE communication anywhere. And, wait till you see DAK's blow-out price.

By Drew Kaplan

It's annoying. If you spend hours on the phone like I do, you're probably all too familiar with the numb-ear-crimped-neck syndrome. Well, no more!

Now you can set yourself free from twisted cords and tied-up hands.

You'll experience incredible sound quality. You'll thrill to lightweight comfort. And, you'll enjoy superb **cordless, hands-free** communication. Read on.

BUSY HANDS LIBERATOR

Clip the remote dial pad to your belt or drop it into your shirt pocket (It really fits!). Now, slip the ultra-light earpiece in your ear. Dial a number and you're ready.

The remote dial pad controls every communication function. And, the super-comfortable earpiece is a miniaturized microphone and speaker that leaves your hands free. It's a revolutionary technology.

The manufacturer claims 1,000' range. And, under perfect conditions you can wax the car, clip your roses or even walk your dog while you talk. But, I use it in my home and office, hands free, for about 100-300' of flawless conversation.

Now I can talk with my dad as I finish my morning rowing. Speak with a college buddy as I arrange a catalog layout. And, I can even call a manufacturer for help as I try to put together their 'easy-to-assemble' chair.

And, my wife stays in touch with friends as she irons, dusts or prepares a meal.

It's great at the office, too. Never again will you be shackled to your desk phone. Never again will you have one hand tied behind your back as you struggle to do a two-handed task. And, never again will you suffer from sore-shoulder-phone-balancing.

Drop it in your pocket or clip it to your belt. Now, a telephone call never slows you down.

Now you can type a letter, pull a file or pour a cup of coffee and talk long distance to business associates at the same time.

SECRET TECHNOLOGY REVEALED

The Roam Phone's hands-free ability is made possible by the ultra-sophisticated Surface Mount Technology (SMT) used in the earpiece and remote dial pad.

The earpiece contains a complete microphone and speaker, but it weighs just ½ an ounce. It's so comfortable, you won't even know it's there. Forget numb ears forever.

The earpiece's microphone is just 3" from your mouth. So, its unique shotgun design captures your slightest whisper.

Now, take a look at the remote dial pad. It's so compact and light, it'll fit in your shirt pocket with room to spare. And, you'll feel its industrial quality as it responds to your touch with a confirming 'beep'.

Hold it in your hand. It's designed for easy one-thumb dialing. It's fabulous.

Forget clumsy telephone handsets. Now you can thrill to hands-free industrial communication technology in your home or office. And, experience unmatched mobility and incredible sound quality.

Get a busy signal? No problem. Simply touch the 16-digit Auto Redial.

Plus, the dial pad has two separate sets of On/Off and Mute buttons. Use the top buttons from your shirt pocket or while it's clipped to your belt. Or, use the face buttons as it rests on your desk, countertop, nightstand or while you hold it in your hand.

INDUSTRIAL POWERHOUSE

This amazing phone system was designed by Plantronics. For years, they've been the exclusive supplier of headsets for AT&T.

Call an AT&T operator. You can't help but notice the crisp, sharp sound. That's because she's speaking into a headset assembly designed and built by Plantronics.

Their technology is also found in headsets for GTE, Bell Canada and British Telecom.

In fact, both the mike and speaker inside the light-weight earpiece are the same components used by hearing-aid manufacturers in both the U.S. and Europe.

EASY INSTALLATION

Plug the base into any modular phone jack and AC plug. The dial pad contains a rechargeable ni-cad battery that automatically charges whenever it's laid on the base.

In fact, you can use it like a corded headset while it's recharging.

You'll also have Auto Secure, 3 Security Codes, Tone/Pulse dialing and One-Touch Paging. And, there's an additional modular jack so you can plug in your telephone or answering machine.

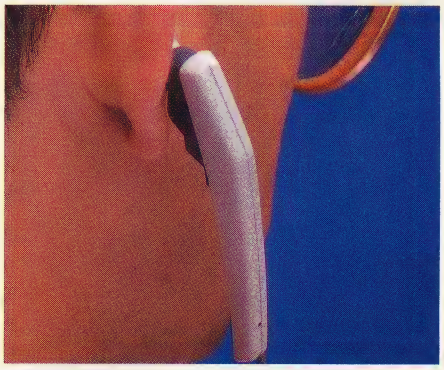
It's engineered by Plantronics and backed by their standard limited warranty.

HANDS-FREE COMMUNICATION RISK FREE

Wait till you hear the crisp sound quality. Wait till you order 'Chinese' while cleaning the house. And, wait till you call a client as you pull a file, grab a pen or type a letter.

If you're not 100% thrilled simply return it to DAK in its original box within 30 days for a courteous refund.

To order your Roam Phone with Remote Dial Pad, Feather-Light Earpiece/Microphone, Auto Secure, Tone/Pulse Dialing, 16-Digit Redial, One-Touch Paging and much more risk free with your credit card, call toll free or send your check for DAK's close-out price of ~~just $99.90~~ ($4 P&H). Order No. 5231. CA res add tax.



The slip-in earpiece/microphone picks up your slightest whisper with remarkable fidelity.

Break the chains that bind you. Cure cramped necks, tired shoulders and numb ears.

You'll thrill to unmatched freedom, unrestricted mobility and dramatic sound quality.

PRICE SLASHED NOW JUST $69.90

Order No. 5231 ($4 P&H)

Imagine talking with friends and family as you type a letter, clean the house and even create a gourmet meal. And, wait till you hear the crisp 'corded' sound.

Resolution Solution

Forget grainy dot-matrix graphics. Forget 'near' letter-quality. And, forget struggling with fanfold paper forever. Now you can have 'true' letter-quality printing and incredible 360 'dpi' graphics capability. Plus, you can instantly switch from fanfold paper to envelopes or cut sheets without unloading. It's all yours for just $329. And, look at this: I've included 8 laser-type fonts FREE.

By Drew Kaplan

You'll have the letter-quality printing of a daisy-wheel printer, combined with the speed of dot-matrix printer.

It's fast. It's the easiest printer I've ever used. And, just wait till you see the stunning sharpness and clarity of 360 dpi (dots-per-inch) letter-quality printing AND graphics capability. Now we no longer have to choose between speed and print quality.

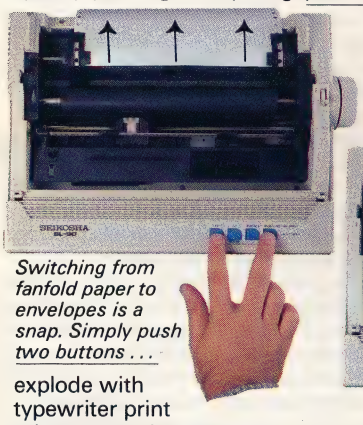
Plus, we'll never have to struggle with clumsy fanfold paper again. I used to need two printers and a typewriter to write. I had a daisy-wheel printer for letters, a dot-matrix printer for high-speed drafts and a typewriter for envelopes.

But, no more. With this new 24-pin, LETTER-QUALITY printer with new push tractor feed, you'll have the print of a daisy-wheel and the speed of a dot-matrix.

Plus, you can switch from paper to envelopes as easily as you can with a typewriter. But first, let me tell you all about the astounding 360 dpi resolution solution.

DESKTOP PRINT SHOP

It's incredible. With 360 dpi true letter-quality printing, everything you write will explode with typewriter print crispness and clarity.



Switching from fanfold paper to envelopes is a snap. Simply push two buttons . . .

And, with 360 dpi graphics capability, you'll create sharp, rich charts, drawings and graphs with the best possible resolution. Here's why.

Dot-matrix printers use dots to create type and graphics. The size of these dots determines the quality of the printouts.

This amazing printer uses 24 needle-point pins (most printers use 9 fat pins) to print up to 360 tiny dots-per-inch. Because the dots are so small, your letters and graphics are incredibly accurate.

In fact, the printing looks like daisy-wheel or typewriter printing. And, unlike laser printouts, everything you write will have that impressive personally-typed look.

You won't have to wait for your printouts either. In draft mode, you'll print a meteoric 280 cps (characters per second). And, in letter-quality mode, you'll rocket through your work at an astounding 80 cps.

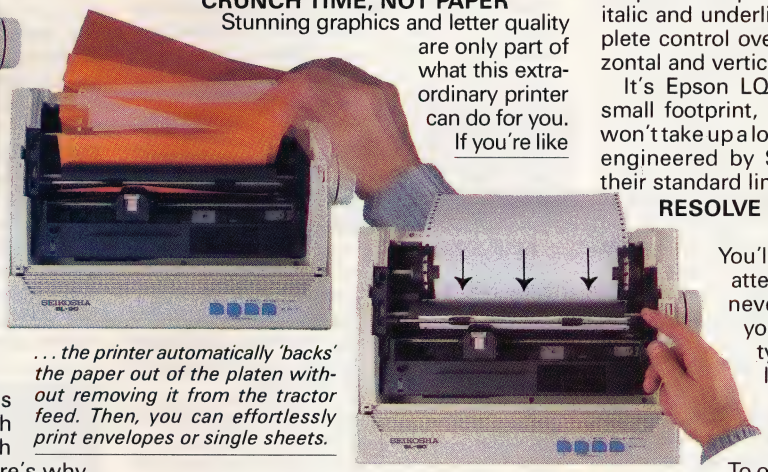
Plus, with 360 dpi graphics capability, you'll infuse all your graphs, charts, maps and line drawings with 'stand-up-and-take-notice' power like never before.

Of course, you'll have your choice of high-resolution print styles including Pica, Elite, Condensed and Proportional Spacing.

And, look at this. I'm including a special pre-installed 8-font laser-type cartridge that you can use to print in Gothic, S. Roman, Script, Courier, OCR (A&B), S. Helvetica and Orator typefaces. This $49⁹⁰ cartridge is yours FREE.

CRUNCH TIME, NOT PAPER

Stunning graphics and letter quality are only part of what this extraordinary printer can do for you. If you're like me, you hate the nuisance of standard tractor feeds and loading fanfold paper.



. . . the printer automatically 'backs' the paper out of the platen without removing it from the tractor feed. Then, you can effortlessly print envelopes or single sheets.

When you're through printing, the printer instantly repositions the fanfold paper and you're ready for high-speed printing again.

When you want to print an envelope or a single sheet, you have to unload the fanfold paper and then reload it again after you've finished printing. It's a real pain.

But, this printer's remarkable new built-in push tractor feed with automatic 'paper parking' makes changing from fanfold paper to envelopes and single sheets a snap.

Simply touch two buttons on the front panel. And, the printer automatically 'backs' the fanfold paper out of the roller (platen) and holds it in place in the rear tractor feed.

Then, you can easily drop in envelopes or single sheets. When you're through, the printer instantly moves the paper back. And, you're ready to print.

EVERYTHING YOU NEED FOR HIGH-RESOLUTION PRINTING

Wow! There's so much more to tell you about and I'm running out of space. So, I'm going to cover a lot of ground quickly.

This bi-directional full logic printer uses virtually any size paper from 4" to 10". And, it can print up to two carbon copies at once.

There are 189 characters, 49 international characters. You can print subscripts and superscripts, bold, double-strike, italic and underline. And, you'll have complete control over tabs, margins and horizontal and vertical spacing.

It's Epson LQ 850 compatible and its small footprint, 4.8"H. x 15"W. x 11"D., won't take up a lot of space on your desk. It's engineered by Seikosha and backed by their standard limited 2 year warranty.

RESOLVE PRINTER PROBLEMS RISK FREE

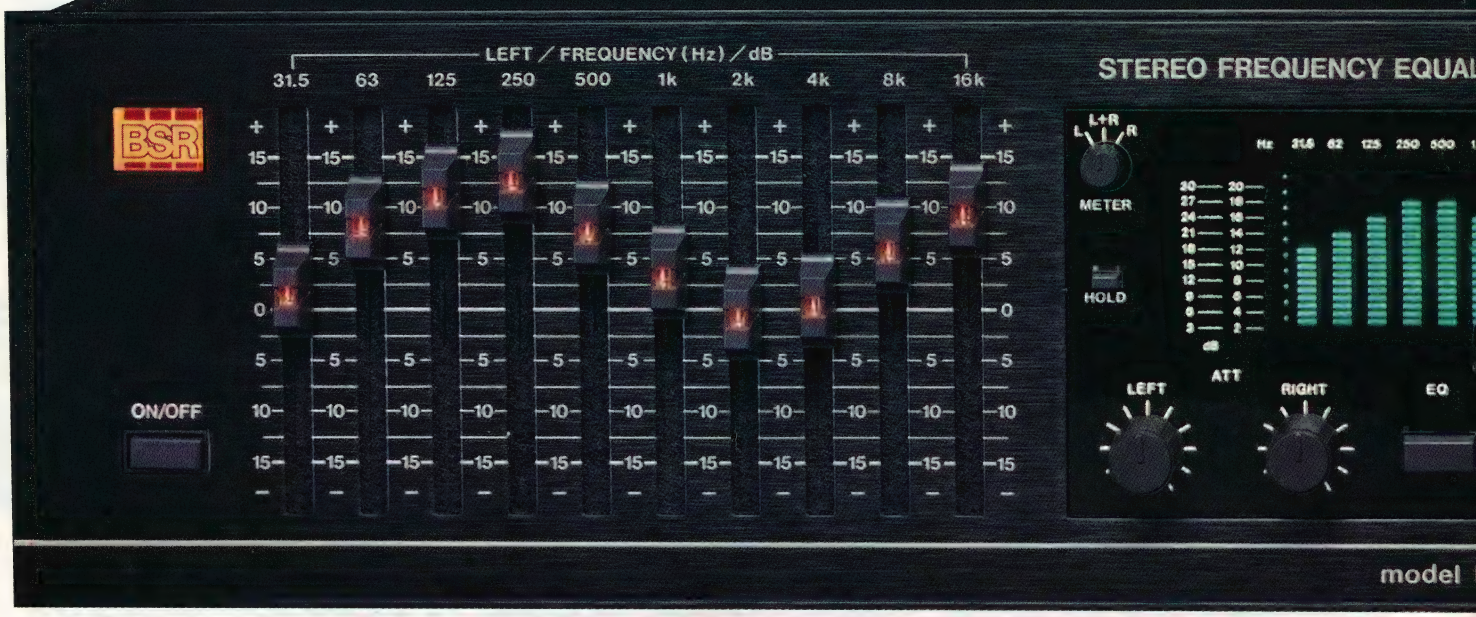
You'll print out high-resolution attention-grabbing charts like never before. And, everything you write will look like you typed it out on a typewriter. If you're not 100% thrilled, return it in its original box to DAK within 30 days for a courteous refund.

To order your Seikosha SL-90 Letter-Quality Printer with its Awesome 360 dpi Graphics Capability, Built-In Push Tractor and Friction Feed, Paper Parking, 240 cps Draft and 80 cps Letter Quality, PLUS the FREE 8-Font Cartridge risk free with your credit card, call toll free or send your check, not for the manufacturer's retail price of $549 (plus $49⁹⁰ for the font cartridge), but for DAK's breakthrough price of just **$329** ($18 P&H) Order No. 5518.

Imagine 360 dpi graphics that explode off the page. Imagine a 24-pin letter-quality printer that prints at a lightning-quick 80 cps. And, imagine never having to load and unload form feed paper by hand again.

Plus, with the 8 FREE laser-type fonts, you'll create truly impressive reports, letters and proposals that explode with power.

FLASH We've been lucky enough to get another production run of this incredible equalizer at the same $149 close-out price!



Smart Sound Detonator

Now you can obliterate the wall between you and the individual instruments in your music. Now you can infuse your own stereo system's sound with a breathtakingly vibrant 30 to 50% improvement in sound quality that you can measure with this superb BSR Equalizer/Spectrum Analyzer limited $149 close-out.

By Drew Kaplan

Close your eyes. Touch a button. And, you'll hear your stereo system literally explode with brand-new, brilliant life.

You'll hear the gentle brushes on a snare drum, the startling bone-jarring realism of a thunderclap, or the excitement of a full cymbal crash resonating through your home.

You'll hear string basses, contrabassoons and cellos emerge with such clarity and definition, you'll feel you can touch each instrument. After just one audition, everything else will sound murky by comparison.

This astoundingly distinct, yet powerful, bass adds such a full-bodied warm feeling to your music, you'll feel as if you've been lovingly wrapped in a warm, soft blanket on a cold winter's night. It's amazing.

But, don't take my word for the sound quality. With the Pink Noise Generator, Calibrated Condenser Mike and 220-Element Spectrum Analyzer, you can instantly measure each and every improvement you make on your CDs, albums and tapes.

Plus, there's more. A subsonic filter effectively adds the equivalent of many watts onto the power of your amplifier.

Plus, with its two separate tape deck input jacks, including two-way tape-to-tape dubbing switch, you'll have much more than just greatly-improved sound.

You can count on great sound from this top-of-the-line Equalizer/Analyzer system. It has an ultra-wide, full-orchestral frequency response from 5Hz to 100,000Hz ±1dB. And, it has an incredibly-thunderous 100dB signal-to-noise ratio.

BSR, the ADC equalizer people, make this super Equalizer/Analyzer and back it with a 2-year standard limited warranty. Our amazingly-low $149 close-out price is just a fraction of its true $379 retail value.

FIRST THE EQUALIZER YOUR STEREO'S HIDDEN SOUNDS

Your stereo can sound oh, so much better. A roll-off at the high end alone, up around 14,000Hz to 16,000Hz, can just decimate the harmonics that give you the open feeling you'd experience at a live concert.

A similar roll-off at 60Hz causes the fundamental bass notes to just fade away into the 'murk.' And, a 'washed-out' midrange, around the 800Hz to 2,000Hz range, can make your favorite vocalists fade into the instruments, and sound unsatisfying.

Enter BSR. An equalizer isn't some magical device that manufactures sounds that don't exist. Most of the frequencies that will make your music really vibrant are actually already recorded in your music.

You'll be able to prove this with a few simple tests we'll try when we discuss the Spectrum Analyzer (more in a moment).

You see, certain frequencies are simply not reproduced with as much volume as are the midrange frequencies, which stretch from about 800Hz to 2,000Hz.

An equalizer simply lets you establish accurate control of all frequencies to fit your equipment, your recordings, your taste and your listening environment.

TOTAL MUSICAL CONTROL

And, what a job it can do. It's totally unlike bass and treble controls, which simply boost everything from the midrange down for bass or everything up for treble.

Now you can boost the low bass at 31.5Hz, 63Hz and/or 125Hz to animate specific areas or instruments.

And, when you boost the part of the bass you like, you don't disrupt the midrange frequencies and make your singer sound like he has a sore throat.

The high frequencies really determine the clarity and brilliance of your music. The problem is that highs are very directional.

In fact, wherever you move in your listening room, you'll find a big difference in high-end response, as you'll see when we test the Spectrum Analyzer.

No recording engineer or equipment manufacturer can even begin to control your listening environment in the same way.

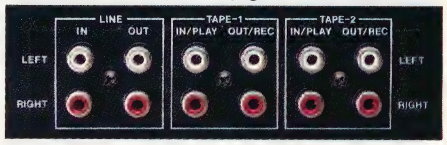
You can control the highs at 4,000Hz, 8,000Hz and/or 16,000Hz to bring crashing cymbals to life at 16,000Hz, while at the same time you can cut tape hiss or annoying record scratches at 8,000Hz.

But, there's more. Don't leave out the midrange. You can boost trumpets at 300Hz to 500Hz or a clarinet at 100Hz. And, you can boost or cut any part of the frequency spectrum a full ±15dB for custom listening.

TAPE DECK HEAVEN

You can push a button and transfer all the equalization power to the inputs of two tape decks. Now you can pre-equalize your cassettes as you record them. And, you'll get all the dramatically-enhanced, thunderous sound recorded right on your cassettes.

This is an especially-great feature when



Thrill to twin tape deck inputs. Now you can dub tape-to-tape and record explosive cassettes.

you play your cassettes on bass-starved portables or high-end-starved car stereos.

SIMPLY PLUG IT IN

Use your tape monitor circuit, but don't lose it. Now, your one tape monitor circuit lets you connect two tape decks.

Just plug the equalizer into the tape 'In' and 'Out' jacks on your receiver or preamp. We even supply the interconnect cables.

As you listen to your records, FM, CDs, cassettes or any 'Aux' input, any time you push the tape monitor switch on your receiver, you'll hear your music jump to life.

The output of your receiver is always fed directly to your tape deck(s) for recording,

(Next Page Please . . .

$149 CLOSE-OUT

. . . Smart Sound Continued) and with the touch of a button, you can choose to send an equalized or non-equalized signal to your deck(s).

When you want to listen to a tape deck, just select which tape deck you want. Turn the switch on the equalizer. And, your tape deck will work exactly as it did before. Except now, you can listen with or without equalization. It's incredibly versatile.

And, look at this. You can dub tapes from deck 1 to deck 2, or from deck 2 to deck 1 with or without equalization.

THE SUBSONIC FILTER

Much of the power drawn from your amplifier is used to drive your woofers. When you drive the amplifier too hard, it clips and you end up with distortion.

A subsonic filter removes a lot of sub-bass musical material you can't hear that exists below 20Hz. So, it relieves your amplifier of a lot of work. It doesn't actually create more watts (please, no letters from my technical friends) for your amplifier.

But, it's like turning off the air conditioner in your car. It saves you using about 7hp of what you have. And therefore, you'll have more watts for clean, powerful sound.

THE SPECTRUM ANALYZER

Now you can scientifically analyze your stereo listening room and test your equipment by using BSR's Real-Time Frequency-Spectrum Analyzer. It's amazing.

Plus, forget seeing your music as a single, difficult-to-understand level on a VU meter. Now, you can thrill to a kaleidoscopic parade of 10 individual 20-element VU meters.

Each is precisely tuned to a specific octave of the sound spectrum. An eleventh 20-element meter averages all levels.

The effect is awesome. You can visually isolate a string bass or cymbal. And, you'll actually see each individual instrument of your music almost as a wave moving across the 220 individual florescent elements.

THE MOUTH AND EARS

Pink Noise is the standard composite 'sound' of all frequencies used for testing in labs around the world. All frequencies from 20Hz to 20,000Hz are generated at the same level at the exact same time.

It listens, too. If you're testing a cassette or component in your system, use the 'Line Button'. If you're testing your whole system with speakers, use the matched Calibrated Electret Condenser Microphone (included) to get the best sound possible.

Either way, you'll have a quick, easy and accurate way to evaluate the total sound of your entire stereo system. Now your system can explode with technically-clean sound. And, you'll infuse your music with new life.

HOW TO TEST SPEAKERS, EQUIPMENT AND TAPE

Testing your speakers in your listening room is the really crucial test. Simply place the Calibrated Microphone where you normally sit to listen to your stereo.

'Tune' your room for perfect sound with the matched Calibrated Electret Condenser Mike.

Turn on the Pink Noise. You can switch to Left Channel, Right Channel or both. There's a meter-range button, a sensitivity control and even a switch, so you can freeze the meter dead in its tracks.

Just sit down at the equalizer. Start with one channel. You'll see all 10 octave bands on the meter. Just slide the corresponding controls to increase or decrease any frequency range that needs a boost or cut.

You have now set up your system to its maximum capability. But, as you'll see, location is very important. Move the microphone 5 feet to the left or right.

Then, turn on the Pink Noise and check the Spectrum Analyzer. Now you can see why the specifications that come with your system are only a starting point.

Here's a way to test your tape deck and tape. First, record Pink Noise for 3 minutes at -20VU. Then, play it back and note the readings on the VU meters.

Now record the Pink Noise again at 0VU or +3. Wait till you see how much the high end falls off. Now you'll see why all specifications are listed at -20VU.

With the Equalizer/Analyzer, you can enjoy the finest stereo sound from your system and be a test lab, too.

WHY SO CHEAP?

BSR now only sells equalizers under their ADC name. Well, as Detroit comes out with new cars each year, ADC comes out with new equalizers. We got them to supply us with just 30,000 of last year's ADC model before they shut it down.

They had already paid for all the tooling, all the research and design. So, we were able to buy these for less than half the normal price, for cold hard cash.

THE FINAL FACTS

There are 20 slide controls, each with a bright LED to clearly show its position. Each control will add or subtract up to 15dB.

There are separate sound detonation slide controls for each channel at 31.5Hz, 63Hz, 125Hz, 250Hz, 500Hz, 1,000Hz, 2,000Hz, 4,000Hz, 8,000Hz and 16,000Hz.

BSR backs this top-of-the-line Graphic Equalizer/Spectrum Analyzer with a 2-year standard limited warranty. It's 17⅛" wide, 3½" tall and 8¾" deep.

MAKE YOUR MUSIC EXPLODE RISK FREE

It's startling. Music so vibrant with life, you'll swear it's 3 dimensional. Sculpture your music any way you want it.

If you're not 100% satisfied for any reason, simply return it to DAK within 30 days in its original box for a courteous refund.

To order your BSR EQ3000 Smart Sound Detonator 10-Band Graphic Equalizer with Real-Time Spectrum Analyzer and Calibrated Mike, Subsonic Filter and Two-Way Tape Dubbing risk free with your credit card, call toll free or send your check, not for the $379 retail value. Don't even send the $227[97] dealer cost. Send just **$149** ($8 P&H). Order No. 4100. CA res add tax.

The sound of your stereo will explode with life as you detonate each frequency band with new musical life. And, you can see and measure exactly what you've done.

DAK INDUSTRIES INC.

Call Toll Free For Credit Card Orders Only
24 Hours A Day 7 Days A Week

1-800-325-0800

For Toll Free Information, Call 6AM-5PM Monday-Friday PST
Technical Information.....1-800-888-9818
Any Other Inquiries.....1-800-888-7808
8200 Remmet Ave., Canoga Park, CA 91304

$149 INSTANT HOOK-UP

House Detective

Guard your yard, your garage and your children from uninvited guests. Watch the kids play in the backyard from the comfort of your kitchen, bedroom or living room. And, privately 'screen' front door visitors as easily as you screen your phone calls.

By Drew Kaplan

It's incredible. Now you can see around corners. Now you can stake-out your upstairs and downstairs. And, now you can even see through walls.

Now you can screen front door visitors from the comfort and safety of your bedroom, living room or kitchen.

And, now you can have the safety of a sophisticated video security system at a breakthrough price. Read on.

PEACE, PRIVACY & PROTECTION

Monitor your front porch for uninvited guests. Watch your driveway for strange automobiles. And, keep an eye on your yard from the safety of any room in your home.

Now before you open your door, you can tell if it's a neighbor, a fast-talking salesman or someone you can ignore. Now you can protect your home or office from unwanted intruders and keep your privacy intact.

Plus, you can keep a careful watch over your children while they're playing in the yard, up in their room, down in the basement or wherever they are.

BETTER THAN A BABYSITTER

It's no flat-footed gumshoe. It fits anywhere. And, installation is effortless.

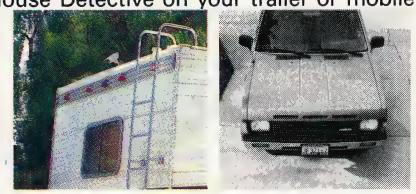
Simply place the camera in the nursery or kid's room and the monitor in your kitchen, bedroom or living room. **You can move it anytime and place it anywhere.**

Now you can see if your baby is sound asleep or if your toddler is up to mischief while you prepare a meal, read a book or watch TV. You're never tied down.

Put a camera in the backyard. And, you can keep a watchful eye on your kids swimming in the pool, running in the yard or shooting hoops in the driveway. It's easy.

Best of all, no matter where they are, you'll **SEE** that your children are safe.

Special Note to RV Owners: Mount the House Detective on your trailer or mobile home and you'll never struggle to back into a parking space again. The low-power camera and monitor will operate directly from your car battery (cigarette lighter adapter not included).



Mount it on your mobile home or trailer. You'll see exactly who or what is behind you.

Plus, you can secretly place this 'eye-on-the-world' in your office, shop or factory.

INDUSTRIAL BODYGUARD

From shoplifting to employee theft to vandalism, anonymity is the culprit's protection. But now, you can instantly place an ever vigilant guard that can't be seen.

Now you can monitor hard-to-observe side doors, corridors, equipment yards, tool sheds and storage areas.

If you manage an assembly line or warehouse, now you can prevent accidents. You'll instantly know when someone is doing something unsafe. You'll protect your employees from danger, prevent accidents and guard the company from crime.

Plus, you can keep video surveillance records when you're away. Just connect the monitor to a VCR and view the tape later.

Instantly know who's at your door before you open it. The House Detective is on the case. Screen visitors effortlessly as you protect your valuable privacy. Plus, know exactly what the kids are up to.

"Now you can protect your home or office from intruders and keep your privacy intact."

No one will know when they're being watched or when a recording is being made. It's great for protecting equipment, inventory or sensitive company files.

IMAGE-SENSING ADVANCEMENT

The House Detective is incredibly portable and installable. An ultra-small monitor and camera make up the entire system.

This camera uses the latest CCD (Charged Coupled Device) image-sensing technology. The picture is remarkably clear and sharp. It's like looking at a photograph.

And, unlike most monitoring cameras (which still use tubes), this impact-resistant CCD camera uses solid-state circuitry for years of rugged use and reliability.

Plus, CCD technology requires very little power. So, you won't be tripping over hard-to-install massive video/power cables running through your home or office.

An ultra-thin 65' wire carries the crisp, clean video signal and the safe, low power to run the camera. It's almost invisible as it runs along walls or underneath carpet edges.

The camera weighs just 7 ounces and the monitor just 2½ lbs. So, you can easily take it from desktop to countertop to night stand.

Just put the camera wherever you need an extra 'eye'. Or, you can mount it to a wall with the included bracket. Simply connect the cable to the monitor and you're in business.

So, from your office, kitchen, or bedroom, you can now have a portable or effortlessly-installed video safety/security system.

You'll have a new sense of personal and business security from any room of your home or office. You'll see that your kids or employees are safe with just a glance at the 4½" monitor. And, you'll protect your valuable privacy from untimely intrusions.

The camera, complete with 60° lens, is just 4" wide x 2½" high x 4¾" deep and the monitor is 5¾" wide x 5½" high x 7¾" deep. It's engineered by Uniden. And, it's backed by their standard limited warranty.

PUT A HOUSE DETECTIVE ON GUARD RISK FREE

Screen your visitors as easily as you screen your phone calls. Keep an eye on your office, your pool or your car from wherever you are. And, preserve your valuable privacy.

Plus, now you can protect your business, warehouse and employees from theft and accidents. And, by connecting a VCR, you can keep a permanent video record of people's comings and goings in your office, store room and lobby.

If you're not 100% thrilled with the instant safety and security you'll have in your home, office or business, simply return it to DAK in its original box within 30 days for a courteous refund.

To order your House Detective Video Monitoring System with Ultra-Light Solid-State CCD Camera, 4½" Monitor, 65' of Wire and Mounting Bracket For Instant Installation risk free with your credit card, call toll free, or send your check for DAK's security ground-breaking price of only **$149.90** ($9 P&H). Order No. 5289.

The camera is designed to brave the elements. But, if you leave it in the rain, order a Weather Resistant Shield. It's just **$14.90** ($3 P&H). Order No. 5402.

You'll keep an eye on the baby from any room in your home. You'll guard your office, garage or pool effortlessly. And, you'll ensure front-door privacy and safety forever.

DAK INDUSTRIES INC.

Call Toll Free For Credit Card Orders Only
24 Hours A Day 7 Days A Week

1-800-325-0800

For Toll Free Information, Call 6AM-5PM Monday-Friday PST
Technical Information.....1-800-888-9818
Any Other Inquiries.....1-800-888-7808
8200 Remmet Ave., Canoga Park, CA 91304

Station Stalker

Forget hunting for radio stations. Forget ratchet-mouth DJ's. And forget station 'drift'. Now, with one-touch PLL digital AM/FM stereo tuning, you'll zap music interruptions by touching a preset button. And wait till you thrill to the cassette deck and built-in equalizer!

By Drew Kaplan

It's annoying. I love listening to music on a personal stereo. But I hate long-winded DJs and obnoxious commercials.

Enter Seiko. Now you can walk, jog or cycle and enjoy a steady flow of your favorite AM/FM stereo music. If a commercial breaks in, touch a button or a preset and you instantly jump to another AM/FM station. It's great.

Plus, wait till you hear the amazing clarity of Phase Lock Loop (PLL) rock-stable tuning.

TOUCH AND GO ON-SCREEN

Now you can scan up and down AM and FM radio bands just like you flip channels with a TV remote. Plus, you can instantly switch to your favorite stations simply by touching one of the ten station 'presets'. It's fast and it's easy.

And talk about accurate tuning. Phase Lock Loop (PLL) Digital Tuning locks on signal frequencies and won't let go. In fact, it's impossible to be out of tune. It's always 'dead-on'. You'll never hear static again.

Plus, at a glance, the over-sized LCD readout displays the actual station number.

Slip in a cassette and sculpt your music with the graphic equalizer. Now you can enhance all of the shimmering highs and thunderous bass from every instrument and vocal.

And, you'll thrill to rich stereo from the included featherweight headphones.

The Station Stalker is powered by 2 AA batteries (not included). It's engineered by Seiko and backed by their limited warranty.

STALK STATIONS RISK FREE

Imagine listening to crystal-clear, static-stomping, PLL tuned AM/FM stereo.

Imagine touching one of 10 presets and instantly leaping from AM news to FM music. And imagine shaping your music to your exact liking with the graphic equalizer.

If you're not 100% thrilled and delighted, simply return it to DAK in its original box within 30 days for a quick and courteous refund.

To order Seiko's PLL Digital Tuning Personal Stereo with 10 Station Presets, Digital Number Display, Stereo Cassette Player, Graphic Equalizer and Stereo Headphones risk free with your credit card, call toll free, or send your check for only **$69.90** ($4 P&H). Order No. 5407. CA res add tax.

Thrill to rock-stable reception. Now when you jog, hike or ride your exercycle, you can digitally lock-on to your favorite radio stations.

Wait till you hear the crisp, clean sound of digital tuning. Wait till you thrill to the awesome sound of the cassette deck.

And wait till you're walking, jogging or relaxing. You can instantly switch stations.

Tower Of Power

$39.90 SIGNAL-SEIZING BREAKTHROUGH

Forget weak signals. Forget irritating interference. And, forget limited FM station reception. Now you can boost your FM reception up to TEN times and pull in even weak FM signals with crystal clarity.

By Drew Kaplan

It's frustrating. No matter how much you spent on a tuner or a receiver you may still get annoying static-hiss and station drift.

In fact, if you live in the mountains, or a valley, or an area surrounded by tall buildings you're probably receiving about half the FM stations you could enjoy. But, the culprit isn't your receiver or tuner, it's your antenna.

STATION SEIZER

T-wire antennas (they're really just 25¢ wires) and most indoor FM antennas aren't powerful enough to pull in weak FM signals. The result? You either suffer with marginal reception, or climb up on your roof and install an expensive outdoor antenna.

But, now there's an easy way to improve your FM reception without dangerous roof 'excursions' and **without spending a lot of your hard-earned money.**

Simply connect this amazing omni-directional POWERED FM indoor antenna to your tuner or receiver. (It takes about a minute.) You'll be stunned by the immediate improvement in reception.

It hunts the airwaves for hidden and weak signals and pulls them in like a radio magnet. Now, you can say goodbye to station drift and irritating noise and interference forever.

Once it locks on to a signal, a Gallium Arsenide Field Effect Transistor (GaAsFET) inside the antenna traps noise and static-hiss and literally obliterates it. So all you hear is crisp, clean music.

SUPERCHARGED SIGNALS

This mighty antenna amplifies signals so you can pull in those hard-to-get stations.

The built-in, low-noise signal amplifier boosts all the signals a minimum of 32db. (That's a whopping increase of 10 times the normal signal strength.)

When I tested it, I easily pulled in a station that was more than 50 miles away. Wow!

Just wait till you hear all the new stations you'll capture. You'll discover a whole new world of exciting radio entertainment.

And, if you record from FM, you'll never have to worry about noise or station drift ruining your recordings ever again.

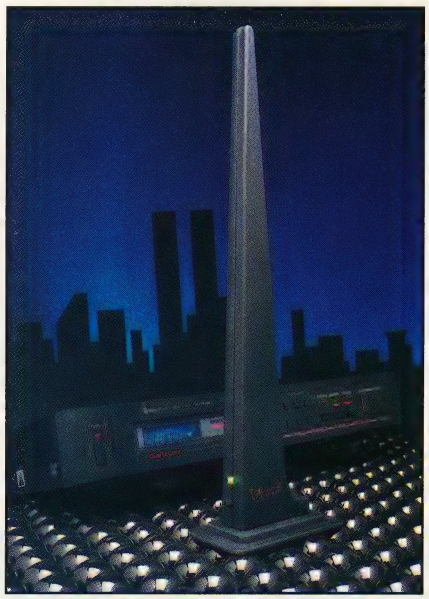
This audio breakthrough was designed by renown antenna expert Larry Schotz and is manufactured in the U.S. by Parsec and backed by their limited one year warranty.

LOCK ON TO YOUR FAVORITE STATIONS RISK FREE

Obliterate annoying noise and station drift. And, enjoy all your favorite FM broadcasts with unmatched, crystal-clear reception.

If you're not 100% thrilled, simply return it to DAK in its original box within 30 days for a courteous refund.

To order your Omni-Directional, Signal-Seizing Tower Of Power Indoor, Powered FM Antenna with your credit card, call toll free, or send your check, not for the $69.95 'street price' but for just **$39.90** ($3.50 P&H).



Now, whether you live high on a mountain, deep in a valley, or in an area surrounded by skyscrapers, you'll thrill to rock-solid FM reception.

Order No. 5359. CA res add tax.

Just wait till you discover all the exciting new FM stations you'll capture and enjoy with incredible rock-solid crystal clarity.

BREATHE EASIER FOR $39.90

Pollution Shield

Here's the story about a weapon that can literally blast pollution from the air. Plus, it erects a protective pollution resistant shield around you and your family to knock out pollution before you breathe it in.

By Drew Kaplan

It's a war. It's you against pollution. And, the air around you is the battlefield. Smoke, smog, pollen and car exhaust are silently infiltrating your home.

You can't count on the government. And, you can't count on the car makers for help. It's time to arm yourself, and here's the weapon and the ammunition.

ARMED FORCES FOR YOU

The weapon is a powerful dual action Pollution Shield air ionizer. It has an edge over most others. Not only does it generate (shoot) negative ions, but then it also collects the debris (enemies) with a second element in its base.

The ammunition is the billions of negative ions this lethal weapon emits. Plus, it quite literally forms a defensive shield to stop smoke, smog and other pollution from getting through.

The attack force of negative ions (negatively charged atoms) attach themselves in a magnet-like fashion to pollutants in the air which in turn causes the pollutants to be attracted to the nearest positive surface.

At the outside of the shielded area, they tend to fall to the floor. Closer in, they are actually reattracted to the special base collector (more later).

RED ALERT

If you're exposed to smokers, you sure don't want to breath in their tar and nicotine. So, here's an easy test.

Place a standard clear kitchen bowl over the ionizer. Puff some cigarette smoke into the bowl. Then plug in the Pollution Shield. Before you can say "Kill", the smoke will be totally gone. It's an easy test, and it's sure to make you a believer. It sure convinced me.

CIGARETTE BUTTS & BOULDERS

Fans with charcoal or furnace type filters may remove some large particles like cigarette butts and large ashes from the air, but they're just about useless for anything under 5 microns.

Over 90% of air pollution particles are smaller than 5 microns. So, there just isn't any other reasonable defense for you other than a negative ion generator.

Nothing sneaks past the Pollution Shield. Fan driven machines can only clean the air they actually draw through themselves. But the Pollution Shield can place a shield over a 250 square foot area. And, it constantly cleans **all** the air within the area.

It'll keep your living room smoke-free during parties. In fact, you'll be guarded by the same type of pollution protection used in hospital burn wards.

Consider all the types of pollution you come into contact with everyday, from automobile exhaust to smoke, to insecticide dust to pollen. Then you'll be thinking about the protection of a Pollution Shield.

HELP FROM ABOVE

Actually, the negative ion manufacturers didn't think of this great way to clean the air. God did. If you've ever smelled the sweet country air just after a thunderstorm, you know that invigorating feeling that comes over you.

The Pollution Shield does for a 12 by 20 foot area what Nature does for the entire countryside. It seems that positive ions are associated with pollution and negative ions with good fresh air.

There are lots of claims that a negative air ionizer will let you think more clearly, sleep better and feel happier.

There's no way to prove or disprove the claims. But, it is safe to say that if all these things come from cleaner, pollution free air, it just may be possible.

CLEAN AIR MADE EASY

The Pollution Shield not only emits negative ions, but its base is really a positive collector. Once the negative ions go out and attach themselves to a particle of pollution, instead of just falling to the floor (or sticking to your walls), they are collected on the collector's base.

A removable washable foam filter holds in the collected pollutants. You simply rinse the filter when it gets dirty. And, just wait till you see how much 'dirt' is removed from the air before it gets into your lungs. It's really amazing.

So, with the dual element technology, it's a step ahead of the pack. And, you'll be breathing cleaner, fresher air only seconds after you plug it in.

It operates on AC current. It's made by ISI, a leader in air ionizers. And it's backed by ISI's limited warranty.

SHIELD YOUR HOME OR OFFICE RISK FREE

Plug it in. Make the smoke test. Let it attack the pollution (especially other people's cigarette smoke or pollen) in your own home or office.

If you don't think you're breathing cleaner fresher air, simply return it in its original box to DAK within 30 days for a courteous refund.

To order your own Pollution Shield Dual Element Negative Ion Generator Clean Air System risk free with your credit card, call toll free or send your check for DAK's breakthrough price of just **$39.90** ($4 P&H). Order No. 5160. CA res add tax.

Arm yourself in the war against pollution. Blast nicotine and tar. Shoot down airborne particles. And, surround yourself and your family with an impenetrable Pollution Shield.

DAK INDUSTRIES INC.

Call Toll Free For Credit Card Orders Only
24 Hours A Day 7 Days A Week

1-800-325-0800

For Toll Free Information, Call 6AM-5PM Monday-Friday PST

Technical Information....1-800-888-9818
Any Other Inquiries.....1-800-888-7808
8200 Remmet Ave., Canoga Park, CA 91304

Digital Double Vision

Watch two shows at once with Digital Picture-In-Picture. Conquer commercials as you scan up to 110 channels of furious football action, Hollywood blockbuster movies and side-splitting sit-coms. And, thrill to the simplest programming ever with this amazing VCR's easy On-Screen Programming.

By Drew Kaplan

Strap yourself in. And, hang on tight. You're in for a hair-raising adventure in awesome DIGITAL TV viewing.

Freeze a car crash in mid-explosion. Scan up to 110 channels of sports, movies and talk shows at the touch of a button.

And, if you've ever struggled with programming your current VCR (like I have), wait till you see this VCR's super easy-to-use On-Screen Programming.

Plus, hold on to your popcorn! Because with PIP (Picture-In-Picture), you can watch a spine-tingling thriller on videotape and a live baseball game **at the same time.**

RIP-ROARING ENTERTAINMENT

Now you can randomly-access up to 110 channels with the Digital Quartz Tuner.

Once this tuner locks on, it never lets go. It uses a quartz crystal as its reference frequency. So, every picture you see will be free from interference and snow.

Pick up the Full-Function Remote. Touch the 'Channel Up' or 'Channel Down' buttons. In a flash, you'll scan through movie channels, 24-hour sports stations and once-in-a-lifetime documentary specials off public broadcast stations. It's amazing.

Or, command instant random-access control. Simply enter the channel number on the Remote's numeric keypad. You'll jump to local news, a comedy special or any station you desire.

You'll command a multitude of features with the Remote.

DIGITAL DOUBLE FEATURE

It's digital. And now, my wife and I watch two shows simultaneously. It's a real marriage-saver. Let me explain.

Sunday afternoons mean TV-battle time at the Kaplan home. I watch sports. And, my wife rents her favorite classic movies on videotape.

But now with PIP, we can both enjoy some peaceful time together.

I simply touch the PIP button on the remote. Now my wife can enjoy her favorite tape of a musical on the main screen, while I keep track of a double-header ball game (and scan other channels) on the crisp, clear color inset.

Plus, we can 'swap' pictures at the touch of a button. So, the second my wife goes to the kitchen for a snack, I can switch to my ball game on the main screen. It's awesome.

It's great if you have kids, too. Now you can watch a blockbuster movie recorded the night before, while your kids catch their favorite morning program.

Keep track of a war movie while your wife tracks down sunken treasures. Now you can digitally double the viewing power of your current TV RIGHT NOW with this amazing DIGITAL PIP VCR.

STEP-BY-STEP AUTOMATED PROGRAMMING

It's a dream come true. Forget tiny, poorly-lit, hard-to-read LCDs. Forget long, confusing programming sequences. And, especially forget hunching over your VCR every time you want to record a show.

Now you can program this VCR right from your easy chair. In fact, **I'll bet you program your favorite shows without ever opening up the manual.** Here's why.

The VCR 'prompts' you every step of the way. Simply press the 'MENU' button on the Remote. A large, easy-to-read menu appears on your TV screen.

Press '2' for Timer Program. Select a Program Number. And, you're ready to choose the time, date and channel you want.

You can record 8 programs over a full year. So, you'll never miss a ball game, late-night movie or sit-com again—even if you're on vacation for the entire summer.

What's that? You want to record the same talk show at the same time every day? Or, every week? No problem.

Simply select Single Event, Daily or Weekly on the Program Mode menu. Now you can record up to 8 hours of soap operas, mini-series and sports specials for viewing anytime you want.

This awesome VCR measures 4"H. x 17"W. x 14"D. It's engineered by GoldStar and backed by their standard warranty.

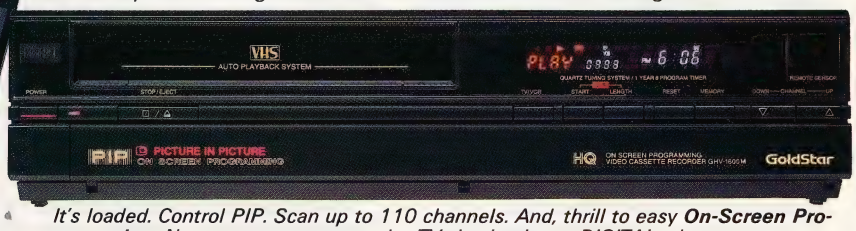
DIGITAL DOUBLE VISION RISK FREE

Watch an adventure movie and a ball game simultaneously. Scan up to 110 channels with the full-function remote. And, thrill to the easiest programming you'll ever use.

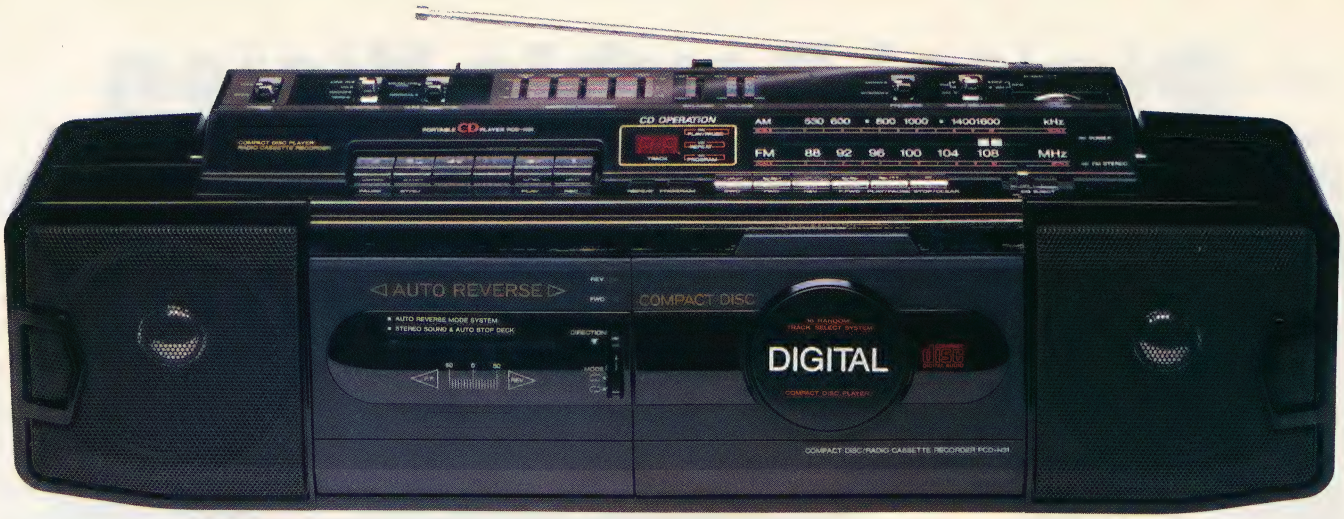
If you're not 100% thrilled, simply return it to DAK in its original box within 30 days for a courteous refund.

To order your GoldStar VCR with Marriage-Saving Digital Picture-In-Picture, 110-Channel Cable-Compatible Frequency-Synthesized Digital Quartz Tuner, Sophisticated HQ Circuitry, Effortless On-Screen Programming, Full-Function Infrared Remote and much more risk free with your credit card, call toll free or send your check for only **$299** ($14 P&H). Order No. 5504.

It's video wonderland. Now you can infuse DIGITAL double vision into all your movies, sports and concerts. And, you'll thrill to years of exciting, roller coaster entertainment in the bargain.



*It's loaded. Control PIP. Scan up to 110 channels. And, thrill to easy **On-Screen Programming**. Now you can turn everyday TV viewing into a DIGITAL adventure.*



Thrill to the explosive component-quality sound of CDs, tapes and AM/FM stereo broadcasts in your den, on the patio or through any stereo system you own.

Digital Launcher

Propel your music to new sonic heights with exacting fidelity and phenomenal sound. Feel the thrust of Programmable CD fury in your bedroom, office or basement. And, launch a salvo of continuous music from the advanced Auto-Reverse Cassette Deck in your study, workshop, garage or anywhere.

By Drew Kaplan

Liftoff to audio excitement. Now you can ignite scorching component-quality sound and take it with you wherever you go.

Imagine launching a furious programmable CD rampage. Imagine firing a continuous onslaught of auto-reverse cassette thrills. And, imagine detonating a great-sounding AM and FM stereo barrage on your porch, in your workshop or at a picnic.

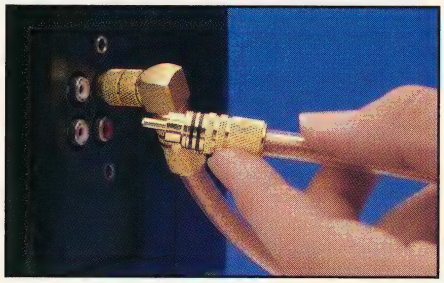
Plus, wait till you hear the surging sonic violence of CDs through your main stereo speakers at home.

Whether you're relaxing in the bedroom, cooking in the kitchen or typing at your desk, this fire-breathing, **high-end fidelity** system will deliver intense musical drama.

CD SHOCKWAVE

There's no warning. Suddenly, incredibly pure digital sound erupts all around you. There's no hiss. No clicks. And, no pops.

This CD player reproduces each note, chord and passage with phenomenal power



Unleash phenomenal sound and digital performance through any stereo system you own with the standard RCA Line In/Line Out Jacks.

and sparkling, clean sound. And, its flawless audio performance approaches the fire and brilliance of a live concert.

In fact, it's digital fidelity makes it a component CD player you can take anywhere.

Plus, you can program up to 16 tracks of your music to your exact taste. Simply slip in a CD. Enter your favorite tracks in any order you like. And, touch the program button.

You can repeat the entire CD, a single track or up to the 16 tracks. Now you can enjoy uninterrupted music in the bedroom, in your workshop or at the office.

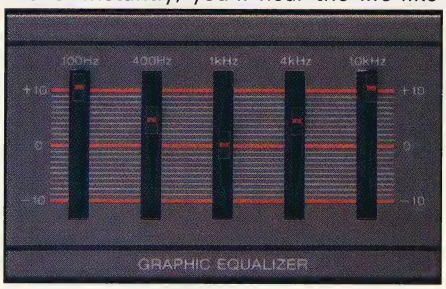
And, wait till you hear the custom cassettes you can record **directly from the CD player.** You'll hear just the songs you want in just the order you want them.

CONTINUOUS CASSETTE EXCITEMENT

Now you can play a single side of your favorite cassette or continuously play both sides forever. You'll never have to stop what you're doing to flip a tape over again.

Just touch the 'Reverse' switch. You can change the direction of your tape at any time or it'll automatically reverse for you.

And oh, what incredible recordings you'll make. Instantly, you'll hear the life-like



Enhance the highs. Explode the bass. And, fine-tune the midrange. Sculpt your music wherever you are with the 5-band graphic equalizer.

fidelity of recorded concerts, songs and talk shows from AM and FM stereo broadcasts.

Plus, there's a tape selection switch for normal, CrO_2 and metal tapes. It's amazing what the proper bias setting can do for all your CD-to-cassette recordings.

LICENSE TO THRILL

Sound quality is only as good as the engineering behind it. And, this portable player's engineering is exceptional.

The Digital Launcher's powerful, amplified 2-way speaker systems deliver the sonic impact and clarity of demanding CD sound.

You'll hear the depth of kettle drums with jackhammer precision. And, piccolos will seem so alive you can almost touch them.

Plus, you can sculpt the sound and bring it to life with the built-in 5-band equalizer.

You can make the low-end throb with deep, penetrating bass. Lift the high-end for dramatic brilliance. And, you can create a studio-perfect listening environment anywhere you go.

You can cut or boost each band ±10dB at 100Hz, 400Hz, 1,000Hz, 4,000Hz and 10,000Hz. Every song you play will explode with astounding clarity.

And, look at this. You can release the Digital Launcher's sonic fury through your main stereo speaker systems, too.

Simply connect your amp or receiver to its standard RCA Line-In and Line-Out jacks.

Add it up. Now you can infuse your stereo with a component-quality CD Player and Auto-Reverse Cassette Deck (plus, superb AM/FM stereo broadcasts and incredible CD-to-tape recordings) for just **$169.**

It measures 6 5/16"H. x 22 5/8"W. x 5 1/8"D. It operates from any AC outlet, D-cell batteries (not included) or even your car's cigarette lighter (adapter not included). And, it's backed by the manufacturer's limited warranty.

LAUNCH DIGITAL SOUND ANYWHERE RISK FREE

Just wait till you see its auto-reverse cassette deck in action. And, wait till you hear the dramatic CD sound quality.

Whether you're at a family cabin, a vacation resort or listening through your main stereo system at home, you'll enjoy spectacular sound and phenomenal digital performance.

If you're not 100% thrilled, simply return it to DAK within 30 days in its original box for a courteous refund.

To order your Digital Launcher Complete Portable Music System with 16-Track Programmable CD Player, Auto Reverse Cassette Deck, AM/FM Stereo Tuners, Normal/CrO_2/Metal Tape Switching, 5-Band Graphic Equalizer and Line-In and Line-Out Jacks For Use with Your Main Stereo risk free with your credit card, call toll free or send your check for DAK's sound-propelling price of just **$169** ($9 P&H) Order No. 5362. CA res add tax.

You'll thrill to incredibly rich CD sound in your study, at a picnic or in your office. You'll release continuous-play cassette music for an evening of spectacular sound.

And, you'll pump ferocious, high-fidelity fury through any stereo system you own.

DAK INDUSTRIES INC.

Call Toll Free For Credit Card Orders Only
24 Hours A Day 7 Days A Week

1-800-325-0800

For Toll Free Information, Call 6AM-5PM Monday-Friday PST
Technical Information.....1-800-888-9818
Any Other Inquiries.....1-800-888-7808
8200 Remmet Ave., Canoga Park, CA 91304

Audiophile Track Tracker

Enjoy the programmability of a CD player. Thrill to a CD's 10hz to 25,000hz frequency response. Experience the latest innovation in automated linear tracking turntables. You'll love the sound and the protection for your treasured albums and 45s.

By Drew Kaplan

It's awful. If you're like me, you own hundreds of records. And, if you've visited any stereo stores lately, you probably haven't found many turntables.

It seems that CD players (which I love) are the only product available. Everyone seems to have forgotten the millions of us with super record collections.

Just because we're now buying CDs, it doesn't mean we don't want to play our albums or 45s. This computer-controlled automated linear tracking turntable is heaven sent for us record owners.

Imagine playing your albums and having the same incredible features of a CD player.

Imagine listening to the songs on your records in any order you program. And, imagine protecting your record collection from scratches forever.

You'll thrill to many of the same features of top-of-the-line CD players with this computer-controlled turntable. And, you'll be taking the best possible care of all your treasured albums and 45s.

WHY LINEAR TRACKING?

If you're like me, you cherish your records. And, with linear tracking you can help make your album collection last much longer.

Linear tracking tone arms move the same way as the cutting head in a record-master cutting lathe (machine).

That means you'll get precise lateral balance and accurate tracking from the outside of your record all the way to the center groove for clean, distortion-free sound.

The linear tracking tone arm, plus a specially-designed, built-in tracking error detector reduce tracking errors and keep distortion to a minimum. And, that really protects our prized albums from unnecessary wear and tear.

Add a Dual-Moving Magnet Cartridge that tracks at just 2 grams, and you're going to thrill to the 10hz to 25,000hz frequency response of this marvel.

You'll experience new sonic brilliance from your current records. And, wait till you see all you can do.

RANDOM ACCESS MUSIC

Imagine listening to the 4th song on a record, then the 1st and onto the 8th.

You can effortlessly program the turntable to play only the tracks you want to hear, just like a CD player. You'll make recordings from records of just your favorite tracks in any order you choose.

Listen to songs in the order you want. You can program up to 8 tracks. And, repeat them up to 16 times.

You can program up to 8 tracks. But, the memory can actually hold up to fifteen entries. That means you can play any track between 1 and 8 several times in any order.

And, you can have the whole record, or just selected tracks repeat up to 16 times for an evening of uninterrupted music.

And look at this. Imagine programming your favorite 50's hits to make a 'sock hop' cassette tape that's sure to be a big hit at your next party.

Imagine creating a classical music tape of your favorite composers and relaxing to your own symphonic concert program.

And, imagine recording all of your favorite ballads onto one tape. You'll enjoy hours of soothing, relaxing easy-listening music.

Best of all, you'll just sit back and take it easy while the turntable does all the work.

Now you'll be able to listen to your music the way you want, when you want, and for as long as you want.

ONE-TOUCH CONTROL

From the first button you touch, you'll feel the quality of this superbly-crafted audiophile turntable.

Each track selection button has an LED to show that it has been selected and put in memory, or is playing. Touch the repeat button and whatever you've selected will be repeated up to 16 times.

Touch 'Play', and the arm will move out to the record. An infrared computer tracking sensor locates the first groove of the selected track and the stylus will be gently lowered to your record.

Plus, the optical infrared system detects the record size and automatically selects the correct turntable speed.

You can manually move forward to skip songs or move back to play songs over. And, you'll never scratch a record again, because the onboard computer controls all the actual arm movements.

You can touch 'Pause' at any time and the arm will lift. It's a great feature if you're interrupted by a phone call.

'Tone Arm Muting' eliminates any noise when the stylus and tone arm are raised or lowered to your record.

The main drive is a superb electronically controlled DC motor for rock-solid stability. Add a 301mm aluminum alloy Die-Cast turntable platter and you'll have a wow and flutter rating of just 0.06%.

LAST TRAIN OUT

So, it's still not too late to add a NEW turntable that will allow you to enjoy and protect your precious albums.

CDs may replace LPs, but they can never replace the collection I've been building for the past 25 years.

You'll never touch the tone arm. Now you can effortlessly select the specific track or tracks you want with just the touch of a button.

The Carrera Automated Turntable is made by Vector Research and backed by their standard limited warranty.

PICK A TRACK, ANY TRACK RISK FREE

Wait till you hear the sound. Wait till you experience the accuracy of linear tracking.

And, wait till you jump from track to track and never leave even a hint of a scratch on your treasured records.

If you're not 100% thrilled, simply return it to DAK in its original box within 30 days for a courteous refund.

To order your Automated Linear Tracking Turntable with a 10-25,000hz Frequency Response, Total Random Access Programmability and Automatic Record Speed Detector risk free with your credit card, call toll free or send your check for ~~just $169~~ ($7 P&H). Order No. 4762. CA res add tax.

Your records will love the pampering of the linear tracking arm. Your ears will love the pure sound. And, you'll love the convenient computer 'CD player-type' controls.

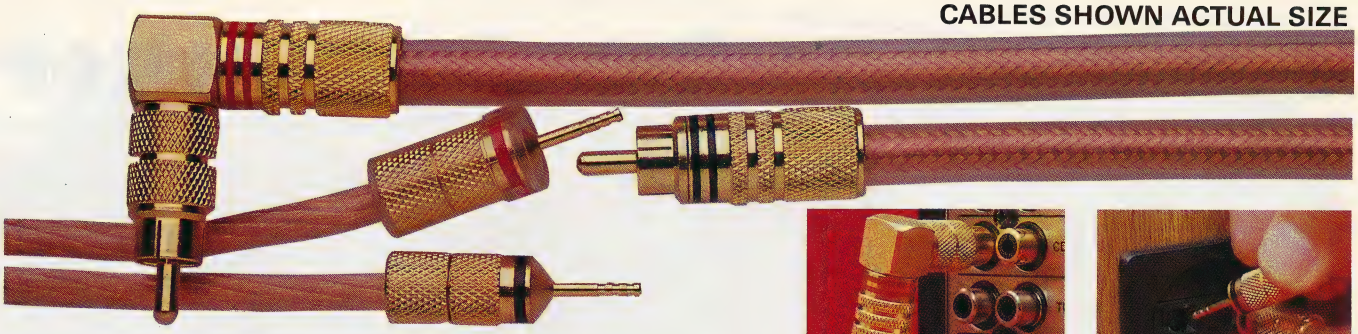
Just wait till you record your first cassette and every song is programmed in exactly the order you choose.

FINAL CLOSE-OUT NOW JUST $129

Use Order No. 4762 Plus (7 P&H)

Enjoy tracks in the order YOU want. Make great custom tapes in a flash. And, add years to the life of your record collection while our limited supply lasts.

CABLES SHOWN ACTUAL SIZE



New dbx interconnect (left) and speaker cables (right) with gold-plated plugs are designed to fit standard speaker terminals and component jacks for thrilling noise-free music.

Pure Power Pipelines

Let your favorite music surge from component to component with uninhibited fury. Thrill to unmatched brilliance and clarity. And, savor the purest, cleanest sound ever from your stereo system. With the new dbx speaker cables and interconnect cables you'll enter an exciting new realm of incredible audio splendor.

By Drew Kaplan

It's the crucial connection. Thin, small gauge, speaker wires AND flimsy single-shielded interconnect cables with aluminum plugs can rob your music of power.

Whether you listen to albums, tapes or CDs (with their incredible 5Hz to 20,000Hz frequency range), you may be literally strangling the sound if you're using standard interconnect cables and speaker wires.

Enter the new dbx interconnect cables and speaker cables with gold-plated plugs. They're the best I've ever used.

They're called dbx Mega Cables. And, rightfully so. They're mammoth audio pipelines that pump powerful, pure audio signals to your components and speakers.

UNCHAIN YOUR SPEAKERS

Thin gauge speaker wire can rob your speakers of their peak potential. But, with **dbx Speaker Cables** carrying the signal to your speakers, you'll discover how great your music really can sound.

Compare Mega Cables to regular speaker wires. It's like comparing the capacity of a fire hose to a garden hose.

They're enormous 9-gauge audiophile cables. They're almost **6 times** as large as standard 24-gauge wire, and nearly **3 times** as large as the 18-gauge lampcord wire most hi-fi people usually use.

You'll thrill to the improved clarity and greater dynamic range. And, wait till you hear the battering-ram bass you'll unleash.

dbx Mega Cables are constructed of 784 oxygen-free 100% pure copper strands. The wires are specially wound to carry the highest highs to the deepest lows with maximum force and startling clarity.

Now all your favorite music will surge unconstricted from your amplifier to your speakers with riveting dynamic power.

And, these cables are armor-coated in 1.05mm thick, heavy-duty polymer insulation. So they'll stand up to years of use.

SOLID GOLD SOUND

Most standard interconnect cables and speaker cables have aluminum plugs. Oxygen in the air oxidizes (corrodes) these plugs. The result? Your music is strangled before it even gets to your speakers.

But, Mega Cables (both interconnect and speaker cables) terminate cable degradation for good. They're armed with gold-plated solid brass connectors.

Gold doesn't corrode, EVER. These plugs will stay just as clean and conductive as the day you plug them in. So the signal between your components and to your speakers, will always be pure and powerful.

Note: Both the dbx speaker and interconnect cables are massive sound conductors. But, their plugs fit standard speaker terminals and component jacks perfectly.

Forget fancy dbx packaging. Mega Cables are delivered to you in low cost bags to save money. So, you'll get the finest cables from DAK, without paying for fancy packaging. The cables are backed by a dbx standard limited warranty.

JUDGE (AND HEAR) FOR YOURSELF RISK FREE

The only way you can discover how Mega Cables will infuse your music with new clarity and brilliance is to try them in your own system. Order a set of the dbx interconnect cables and speaker cables and try them with your system for 30 days.

If you don't hear a dramatic improvement in your stereo system's sound quality, simply return them to DAK in their original bags for a courteous refund.

To order a **PAIR** of dbx 1-Meter (39" each) Audiophile **Interconnect Cables** with Gold-Plated Plugs (One Straight and One Right Angle), Pure Copper Wiring and Dual Braided Super Shielding with your credit card, call toll free or send your check for just **$19.90** ($2 P&H) Order No. 5260.

A **PAIR** of 2-Meter (78" each) **Interconnect Cables** is just **$29.90** ($3 P&H) Order No. 5261. CA res add tax.

Extra Right Angle Gold-Plated Adapters are only **$6.90** ($1 P&H). Order No. 5262.

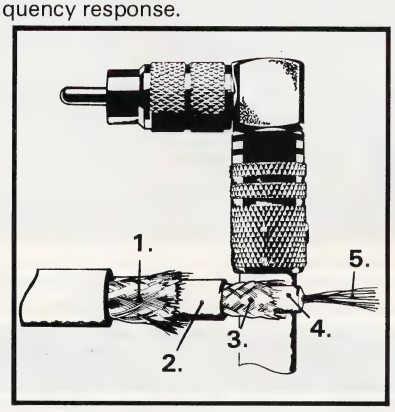
Order a **PAIR** of dbx 3-meter (9',10") **Speaker Cables** with 784-Strand, Specially-Wound, Oxygen-Free, Pure-Copper Wire, Gold-Plated Connectors and Heavy-Duty 1.05mm Insulation for just **$29.90** ($4 P&H) Order No. 5308.

You'll annihilate hum and interference. You'll obliterate corrosion before it drains the vitality from your music. And, you'll hear the purest music surge through your stereo system with new uninhibited sonic fury.

ANATOMY OF A dbx INTERCONNECT CABLE

dbx Interconnect Cables are composed of 5 different layers. Each layer is engineered to give you the best sound.

Layers 1 and 3 are made of finely-braided copper wire shielding. The braiding forms a impenetrable shield that prevents signal loss and improves frequency response.



Layers 2 and 4 are low capacitance, heavy-duty, dielectric insulation. The two layers form a mighty force field that obliterates hum and noise.

Layer 5 is the 'hot-lead'. This network of thirty strands of pure copper wire carries your audio signal. It's more than twice as massive as standard interconnect cables. The amount of sheer sound power it can carry is gargantuan.

Its capacitance is a phenomenally low 65 picofarads per meter. This makes Mega Cables an audiophile's dream.

And, dbx Mega Cables are tough. Each cable is encased in 1.8 millimeters of clear, heavy-duty plastic insulation. They'll shrug off abuse for years to come.

Mega Cables are perfect for any system. And, just wait till you hear your favorite CDs, albums and tapes explode with incredible new-found purity and power.

DAK INDUSTRIES INC.

Call Toll Free For Credit Card Orders Only
24 Hours A Day 7 Days A Week

1-800-325-0800

For Toll Free Information, Call 6AM-5PM Monday-Friday PST
Technical Information.....1-800-888-9818
Any Other Inquiries.....1-800-888-7808
8200 Remmet Ave., Canoga Park, CA 91304

Sub-Bass Sledgehammer

Drive your subwoofer to the brink of audio perfection. And, infuse your speakers with new power in the bargain. You'll detonate phenomenal bass. Plus, cleanse your MID-RANGE and HIGH-END with the amp or receiver you already own.

By Drew Kaplan

I love subwoofers. They really energize the bass frequencies. Plus, they clean-up the mid-range of any stereo system.

But, if you want your music's low-end to really explode; if you really want to hear, feel and experience kettle drums, contrabassoons and string basses the way they sound in the 'orchestra pit'; and if you really want to add depth to your music, read on.

SAE, the world-renowned audiophile company, has developed an awesome new **subwoofer amplifier.** And, is it powerful.

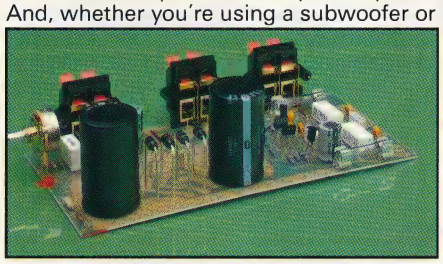
It'll add incredible fullness to your bass. Plus, if your system's amp or receiver is less than 100 watts, wait till you hear the astounding difference this amplifier can make to your entire system's sound.

Infuse your bass frequencies (those below 200hz) with power. Cleanse your mid-range (200hz to 3,000hz) and high-end (frequencies above 3,000hz). They'll sound fuller, richer and warmer. Here's why.

Imagine exploding 140 watts of rafter-rocking bass. Imagine refining the sound with the turn of a dial. And, imagine improving the performance of your entire stereo system with the flick of a switch.

THUNDEROUS 20-20,000HZ MUSIC EXPLOSION

Sub-bass frequencies drain your amplifier. And, whether you're using a subwoofer or just large woofers, much of your wattage is used up powering the bass.



Inside this amplifier, the military-grade glass epoxy board with 'High Damping' circuitry infuses your subwoofer with phenomenal accuracy for thunderously powerful and distortion-free bass.

The result? Less power for the frequency range between 200hz and 20,000hz (which is most of your music). Turning up your receiver's volume doesn't do any good. Because the majority of the power is still devoured by the bass.

In fact, depending on how powerful and efficient your amp or receiver is, you can actually lose clarity and punch throughout your system's entire frequency range.

Enter the Sledgehammer. It's unique. Simply connect your amp's or receiver's speaker outputs to the Sledgehammer's input terminals. Now, connect the subwoofer and speakers to the Sledgehammer's output terminals and hang on tight.

The Sledgehammer routes ALL of your amp's or receiver's power to your main speakers. And, it thunderously drives all frequencies below 120hz with its own 140 watts of surging power.

Sure, you can surround yourself with battering-ram bass. And, wait till you unleash the sub-bass energy trapped in all your CDs, albums, cassettes and FM stereo.

But, if you're like me, you'll love hearing the entire dynamic range of your music explode with phenomenal depth and purity.

Wait till you hear the improved clarity of your mid-range and highs now that all your amp's or receiver's power is sent directly to your main speakers. And, wait till you hear the explosive bass. It's awesome.

Piccolos, flutes and violins will sound sparkling. Now you'll hear every subtle note of a sultry jazz saxophone or a flamenco guitarist's solo. And, you'll thrill to the sizzling crispness of synthesizers, snare drums and cymbal crashes.

Plus, now you'll have total control of your subwoofer's output. You can fine tune the sub-bass power to your exact taste.

MASSIVE POWER AND CONTROL FOR ANY SYSTEM

Just flip the large, rocker-style power switch and you'll send 140 watts of power surging to your subwoofer.

And, if you're into specs, look at these. Impedance is 4 ohms. And, total harmonic distortion is an infinitesimal 0.05%.

Plus, because the subwoofer's power is separate from your amp or receiver, it's electronically impossible to generate Transient Intermodulation Distortion.

Forget patch cords. This amplifier powers your subwoofer with your own speaker cables. Now you can free your main amp or receiver for maximum power to your speakers.

And, look at this. Because the human ear is less sensitive to bass at lower levels, the engineers have added a built-in bass attenuator dial.

Now you can cut or boost the bass power of your subwoofer to your exact liking. So, now you can fine tune your subwoofer to the acoustics of your listening room and the type of music you're listening to.

Bring up the power of timpani drums to add depth and warmth to your music. And, enhance bass guitars and bellowing pipe organs to match your perfectly refined mid-range and highs.

Plus, because your subwoofer's cone makes massive movements, the Sledgehammer has a special circuit for maximum damping factor. Now you can ensure your subwoofer delivers precision-perfect bass with each pounding signal.

And, the input/output terminals are coated in gold for pure, corrosion-free conduction of your signal for years of great sound.

The Sub-Bass Sledgehammer measures 3"H. x 11"W. x 9½"D. It's designed and engineered in the U.S. by SAE, a world leader in 'cutting-edge' audiophile equipment. And, they back it with their ironclad 2-year standard limited warranty.

You'll be stunned by the difference you'll hear from your main speakers. And, wait till you feel 140 watts of thunderous bass.

HAMMER-POUNDING BASS (& MORE) RISK FREE

Detonate thunderous power and sonically pure sound throughout your listening room. Dramatically improve the clarity and definition of your system's mid-range and highs.

And, of course, the difference you'll hear in the sub-bass frequencies from your subwoofer will be awesome. Plus, now you can sculpt the waves of bottomless bass to suit your listening pleasure.

If you're not 100% thrilled with the purified power erupting through your stereo system, simply return it to DAK in its original box within 30 days for a courteous refund.

To order your Thundering 140-Watt Sledgehammer Sub-Bass Amplifier with Audiophile Toroidal Transformer, Gold-Coated Input/Output Terminals and Bass Attenuator Dial for the Richest, Fullest and Deepest Bass You've Ever Heard, Sparkling Crisp and Clear Mid-Range and Highs and Improved Efficiency for Your Amplifier or Receiver, call toll free or send your check for DAK's earth-shaking price of just **$149** ($12 P&H). Order No. 5314. CA res add tax.

Infuse massive, hammer-pounding bass into your subwoofer. Add sonic punch and clarity to every record, cassette and CD you listen to. And, surround yourself with cleaner, purer and richer audiophile sound throughout the entire frequency range.

Soaring Sensations

Launch your music to audio perfection with programmable CD sound. Unleash unending component-quality rapture with the Auto-Reverse Tape Deck. And, soar to flawless AM/FM reception with the PLL Digital Tuner. It's from BSR. And, it's the finest Integrated Stacked System (complete with Turntable, Graphic Equalizer and Professional VU Meters) ever to charm this audiophile's ear. Plus, it's yours for only $299.

By Drew Kaplan

Fire up the amp. Drop in a CD. Touch a button on the remote. And, get ready to rocket to the highest peaks of audiophile ecstasy.

From the CD Player's astonishing sonic clarity to the hours of non-stop Auto-Reverse Cassette excitement to the Dual High-Speed Dubbing Decks to the digitally-armed PLL AM/FM Tuner, you'll thrill to this BSR Stacked Component System's sound.

Plus, there's a special bonus. You can infuse **extra** pile-driving bass into all your music for a price that'll send other speaker companies running for cover (more later).

But, before I tell you about this pulse-pounding secret, let's see how you can soar to the pinnacle of sonic sensations.

CD COMPONENT POWER

It's explosive. From a cymbal brush's first gentle strokes to a tympani crescendo's last lingering note, you'll thrill to all the sonic violence of sensational CD purity.

This amazing CD Player sounds as good as any component I've ever heard. It reproduces my cherished Classical, Opera and Rock 'n Roll CD Libraries with stunning impact and dramatic precision.

Plus, you can program this awesome Player. And, you'll listen to your CDs in any order you like. Simply touch the 'Memory' button on the remote. Enter up to 16 tracks. You'll thrill to hours of DIGITAL perfection.

You can even 'Repeat' your favorite disc (or even your favorite song) with the touch of a button. And, you can 'Skip' the songs you're not in the mood for just as easily.

Plus, **you can program this CD Player right from your easy chair.** The Multi-Function Remote places all the drama of digital thrills and chills right in your hand.

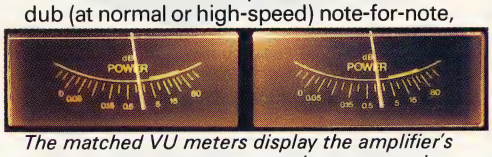
DUAL-CASSETTE EXCITEMENT

Forget record producers. Now you can record truly custom tapes direct from CD for your car, office or personal stereo.

Simply slip in a cassette. Program your favorite CD in any order you want. And, touch the 'Record' button. It's that easy.

And, look at this. Select the auto-reverse mode on Deck B. Put your feet up. And, get ready for hours of uninterrupted soaring splendor for romantic evenings or parties.

These audiophile tape decks are matched for flawless sound reproduction. You can dub (at normal or high-speed) note-for-note, peak-for-peak copies of your tapes.



The matched VU meters display the amplifier's power output, so you can monitor your music.

Plus, there's more. You can even sculpt your music to your exact tastes. The built-in Graphic Equalizer transforms muddy bass, raspy vocals and tinny cymbals into wave after wave of expansive, detailed sound.

SIGNAL-SNATCHING SOUND

Forget clumsy dials. And never, ever hunt for your favorite radio station again.

The PLL (Phase Lock Loop) Digital Tuner seizes AM/FM broadcasts. And, its DIGITAL circuitry locks them in rock solid.

Now, when you want 93.1, you'll instantly find 93.1. And, you'll never hear even a hint of static from station drift again.

Plus, you can instantly rocket to any 12 (6 AM and 6 FM) of your favorite stations, using the infrared remote's preset buttons.

The moment a blabber-mouth DJ breaks into your music, just touch a preset button. Instantly, you'll leap to another station.

AUDIOPHILE TURNTABLE AND A SPECIAL BONUS FOR YOU

I love CD sound. But, replacing all my cherished records with CDs would cost me quite a chunk of change.

Now I can listen to my latest CDs, while I enjoy my vintage LPs and 45s on this System's two-speed audiophile Turntable.

Its sensitive tone arm and cartridge will bathe you in acoustic brilliance. And, its feather-touch cue control will protect your treasured records from wear.

And, here's something I think you'll really love. This amazing Music System comes armed with REAL two-way Full-Range Speaker Systems.

The meticulously engineered tweeters will reproduce your high-end (like cymbal crashes, horns and violins) with lifelike clarity. And, the matched woofers will send sonic-boom bass through any room.

These speakers sound great. I wouldn't offer them in my catalog unless they did.

But, if you want explosive, thunderous sound; if you want bottomless bass; if you want to infuse massive audiophile depth into all your music; here's all you have to do.

Order your BSR Music System (remember, you get a 30-day risk free guarantee). And, you can get BSR's Thunder Box Subwoofer (see ad facing page) for only 69^{90}. **That's $20 off its regular price.**

This Integrated Stacked Music System measures 15"H x 13½"W x 14"D. And, it's backed by a BSR standard limited warranty.

SOAR TO NEW MUSICAL HEIGHTS RISK FREE

Now you can enjoy endless hours of sensational sonic rhapsody. And, you'll soar over the mountains of mundane music-center sound at the touch of a button.

If you're not 100% enthralled, simply return it to DAK within 30 days in its original box for a courteous refund.

To order your BSR X-1000 Integrated Stacked Music System complete with Programmable CD Player, Auto-Reverse Deck AND High-Speed Dubbing Deck, PLL (Phase Lock Loop) Digital AM/FM Stereo Tuner, Dual-Speed Turntable, Two-Way Speaker Systems and Infrared Remote risk free with your credit card, call toll free or send your check for DAK's breakthrough price of only **$299** ($16 P&H). Order No. 5381.

If you want to reproduce thunderous, titanic bass with your BSR Stacked Music System, add the BSR Thunder Box Subwoofer to your order, not for DAK's low price of 89^{90}, but for the sound-barrier breaking price of only **69^{90}** ($9 P&H).

Important: Use Order No. 5381 for the BSR Integrated Stacked Music System **PLUS** Order No. 5516 for the Thunder Box to get your discount.

Unleash fully-programmable CD sonic fury. Thrill to never-ending Auto-Reverse Cassette excitement. Copy tapes in a flash with the High-Speed Dubbing Decks. And, digitally lock on to AM/FM stereo stations.

Then, add a Graphic Equalizer, Turntable, Remote Control and REAL two-way Full-Range Speaker Systems. And, get ready to thrill to soaring sonic sensations.

Thunder Box

FOR YOUR MUSIC CENTER
FOR YOUR PORTABLE STEREO

It's a barrage of thundering AMPLIFIED bass. Now you can turn any all-in-one music center into a wall of explosive big-system sound. And, now your portable stereo won't just boom, it'll fill the air with massive, bone-jarring full bass energy. It's the new BSR amplified subwoofer and it's yours for just $89.90.

By Drew Kaplan

It's awesome. You'll be thrilled by kettle drums that explode with sonic force from your compact stereo or boom box. And, you'll be electrified by cellos, tubas and bassoons that literally surge to life.

Plus, you'll be overwhelmed by the rich, resonant rhythms of an electric bass. And, wait till you hear (and feel) the pulsating impact of a bass drum shake the room.

Now your music center or portable stereo can unleash ALL the exciting depth and fullness you'd expect to hear only in a multi-thousand dollar audiophile sound system.

SONIC OVERDRIVE

Before we explore the amazing sonic secrets of the BSR Thunder Box, be warned.

It's not for the faint-hearted. Now your system will ERUPT with massive bass and pulse-pounding sonic fury.

It's called a subwoofer. And, you'll only need one (I'll explain later). Plus, it's not just any subwoofer. It's an AMPLIFIED subwoofer. So now you can boost the deep bass in your music to epic proportions.

Subwoofers aren't a new idea. Audiophiles have been using them for years with expensive, esoteric Hi-Fi systems.

But now, for the first time, we can thrill to thundering big-system bass from our compact stereos and portable stereos, too.

AUDIO EARTHQUAKE

The Thunder Box is specifically engineered to infuse massive audiophile depth into any compact stereo system's music.

So, now your compact system can reproduce rich, bottomless bass that rivals (and even surpasses) that of many huge floor-standing speaker systems.

Let's look inside the Thunder Box. Together, we'll discover how it reproduces such explosive vitality and thunderous bass.

First, your music center or portable stereo feeds its audio signals into the sub-bass amplifier. (Use included standard cables with RCA plugs or stranded speaker wire.)

Audiophile Note: The amplifier is an exclusive design specially engineered for the BSR subwoofer to work in concert with the tune-duct acoustically-designed enclosure.

The bass-amplifier in the subwoofer boosts only the frequencies below 200Hz.

The frequencies above 200Hz are 'rolled' off by the tune-duct bass enhancing and filtering system. So your system supplies the power for the higher frequencies.

Back inside the enclosure, the sub-bass woofer's mammoth voice coil and magnet assembly generate the massive cone movements needed for really deep bass.

Then, your sound (it's music now) picks up power inside the cavernous subwoofer enclosure and explodes through the dual 4.72" tuned ports with earth-shaking fury.

Infuse your all-in-one compact stereo with incredible depth and power. And, thrill to MASSIVE bass thundering from your portable stereo. Now you'll swear you're listening to a full size system.

Wait till you put your hand over one of the twin ports. You can actually feel the enormous rushes of air surging into your room in a sonic cyclone of thunderous sound.

And, with the built-in amplifier, simply adjust the volume control to your system's requirements and exactly how YOU like it.

Important: You only have to set the bass level one time. It's totally synchronized with your stereo system. If you turn your system's volume up, the subwoofer's volume level automatically increases, too.

Now you'll thrill to rich, tight bass response every time you power up your system.

Now your compact or portable stereo can explode with the sonic thunder of a big, BIG system.

SOLO SOUND EXPLAINED

As I mentioned earlier, you'll only need one subwoofer. Here's why. With deeper frequencies (below 120Hz), the human ear can't distinguish between right or left. Bass seems to come from all around you.

So unlike your regular speakers, you can put your Thunder Box just about anywhere in the room and it won't affect the stereo imaging of your music.

Plus, it's really simple to connect your music center to the Thunder Box. Just plug your speaker cables into the jacks on the back. Then run the subwoofer cables (I've included a pair) to your speakers.

And remember, if your system uses standard speaker wire, that's fine, too.

The moment you turn on your newly 'turbocharged' system you'll hear string basses and contrabassoons you never even knew were on your recordings. And now, all the raw energy of rock 'n roll will emerge from the sonic depths with a vengeance.

Powerhouse For Portables: You can also thrill to massive bass with most portable stereos . . . even those with attached speakers. Just plug your subwoofer cables into the RCA line-out or CD-out jacks.

Now your 'boom box' will sound more explosive than most people's main stereo system. The Thunder Box measures 13¾"H. x 8¼"W. x 13¾"D. and it's backed by the BSR standard limited warranty.

HURL MUSICAL THUNDER RISK FREE

Now you can unleash the audio thunder hiding in your albums, tapes and CDs. And, now you can supercharge your compact stereo with massive AMPLIFIED bass.

If you aren't 100% thrilled with your compact system's new sonic thunder, simply return it to DAK in its original box within 30 days for a courteous refund.

To order your BSR Thunder Box Subwoofer With Built-In Sub-bass Amplifier, High Efficiency Woofer/Driver, Acoustically-Designed Tune-Duct Bass Enhancing Enclosure and 2 Subwoofer Cables risk free with your credit card call toll free, or send your check for just **$89.90** ($9 P&H). Order No. 5378. CA res add tax.

Wait till you arm your all-in-one music center with throbbing AMPLIFIED firepower. Wait till you hear the massive bass thundering from your portable stereo.

And, wait till you unleash an unrelenting rampage of titanic sound. Just remember, DAK can't be responsible for irate neighbors or visits from the local police.

MASSIVE BASS YOU CAN FEEL

Krakatoa Erupts!

Your stereo system will erupt with surging bass. You'll thrill to the sonic impact of cleaner, tighter midrange. And, you'll detonate the dramatic depth buried in all your music. But, brace yourself, like the volcanic explosion it's named for, the new dbx 15" thundering subwoofer will rock you with its mammoth audio fury.

By Drew Kaplan

It's explosive. Now you can unleash the sub-bass fury trapped in your CDs, records and tapes. And now, you can thrill to cleaner, better sounding midrange from the speaker system you **already** own.

Now from the dbx heritage of professional recording components comes an incredible new piece of audio equipment.

It's called a subwoofer. And, it's been an audiophile's secret for years. But, the secret is out. Now all of us can enjoy bass that's as thrilling to our ears as it is to our wallets.

The sound is overwhelming. Its only match is the massive 1883 volcanic explosion of Krakatoa in the South Pacific. But, immense bass is just a part of the story.

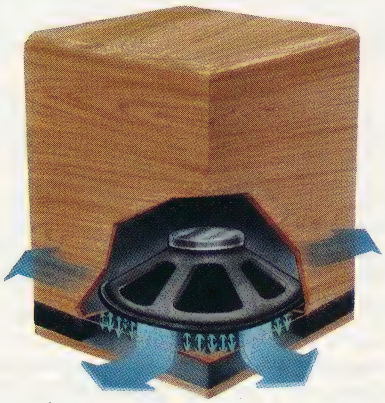
For the first time, you'll truly hear the full, rich resonance of a bluesy string bass. You'll literally feel the bellowing thunder of a pipe organ. And, you'll be amazed by the orchestral splendor of full-bodied bassoons.

Now you can detonate phenomenal depth and cleanse your speaker's midrange. But, hold on tight. You'll release all the surging, volcanic bass trapped in your albums, CDs and cassettes.

SUBWOOFERS EXPLAINED

It's a fact. Most speaker systems aren't designed to reproduce sub-bass frequencies with both **clarity and power**. Their woofers struggle to handle both the massive movements below 120Hz (sub-bass) as well as the finer midrange vibrations.

Sure your system sounds great. But, now connect a subwoofer. Instantly, your bass is deeper and fuller. And, the midrange is cleaner than you've ever heard before.



The bass frequencies below 120Hz (large arrows) disperse throughout your room, while the frequencies above 120Hz (small arrows) reflect back into the cabinet for perfect stereo imaging.

The dbx subwoofer drives only the frequencies between 22Hz and 120Hz. It takes the strain off your main speakers and drives the sub-bass with power and accuracy.

Now your system's speakers are free to produce the upper bass and midrange frequencies flawlessly. And, whether your speaker systems have 8", 10", 12" or even 15" woofers, you'll be astounded by the rich, thunderous bass you'll hear.

FIRE AND FINESSE

You'll hear thunderous sub-bass while you clean-up trumpet sections, soft ariettas and clarinet solos. And, you'll thrill to a new massive depth in all your music.

Sure, you can 'crank it up' and fill your home with room-rumbling bass. But, the dbx subwoofer also liberates every subtle detail in every single note of your music.

The massive 15" nylon-laminated subwoofer responds instantly to each pounding input signal with incredible precision.

Plus, the dbx subwoofer is slot-loaded. It provides perfect bass acoustics with its own 'fixed' floor. Place it on a shag rug or ceramic tile. You'll always have flawless reflected bass dispersion. And, it mechanically eliminates higher frequencies as the crossover does electronically (more later).

The powerful strontium rare-earth magnetic structure controls the subwoofer with phenomenal accuracy (its sensitivity is an astounding 90.5dB at 1 watt at 1 meter).

Its crossover network sends frequencies above 120Hz to your main speakers and routes the immense bass frequencies below 120Hz to the floor-firing subwoofer.

Plus, unlike the shallow crossovers of many subwoofers, the steep dbx 12dB/octave crossover ensures the true integrity of your current speakers' stereo imaging.

IMPORTANT: YOU ONLY NEED ONE

Placement of stereo speakers is crucial. But, you can place your subwoofer anywhere. That's because the lower frequencies (below 120Hz) are **non-directional**.

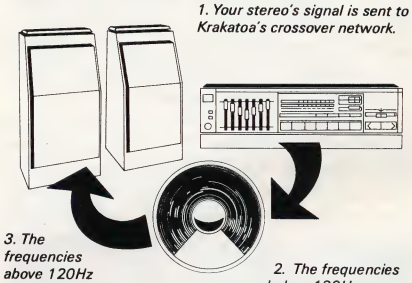
That's why, unlike stereo speakers, you only need one subwoofer. In fact, the subwoofer's enormous driver unleashes sound waves bigger than most rooms. Wow!

Hook-up is easy. Connect your speaker wires to the subwoofer's input terminals. Then, connect your speakers to the subwoofer's output terminals and you're ready.

The dbx subwoofer with stately oak-grain appearance is a fine piece of furniture. You can even use it as a cocktail or end table.

It stands 24"H. x 18"W. x 18"D. It works with virtually any amplifier. It's rated at 6.3 ohms. And, wait till you hear the massive power it will add to your stereo system.

And, it's backed by a 2-year dbx standard limited warranty.



DETONATE VOLCANIC BASS & MORE RISK FREE

Hear phenomenally clean midrange from your main speakers. Thrill to precise imaging. And, hear and feel incredible bass.

If you aren't 100% thrilled, simply return it to DAK in its original box within 30 days for a courteous refund.

To order your dbx Krakatoa Subwoofer with Massive Slot-Loaded 15" Dual-Wound Woofer, 12dB/Octave Crossover and Universal 6.3 Ohm Compatibility with Virtually Any Amplifier risk free with your credit card, call toll free or send your check for DAK's breakthrough price of just **$169.90** ($19 P&H). Order No. 5334.

Option: To deliver massive surging bass to your subwoofer order the dbx Audiophile 9-foot Speaker Cables. They're just **$29.90** a pair ($4 P&H). Order No. 5308.

Imagine feeling the immense depth of all your music. Imagine cleaner, crisper midrange. And, imagine the true sonic force of thunderous kettle drums, resonant bassoons and the explosive cannon blasts of Tchaikovsky's 1812 Overture.

Think Speak Locators

On the job, on the field or on the road. you can now talk and listen totally hands free. Plus you can keep track of and talk to your secretary, your boss, your foreman or your children up to 1/2 mile away. Choose headset or hand held models.

By Drew Kaplan

SWAT Teams use them. So do quarterbacks and firemen. Now you too can talk and listen to people near and far totally hands free, while you are jogging, sailing, skiing, hiking or riding a motorcycle.

Both at work and at home, this unique communications system, with a range of up to 1/2 mile, will let you keep in touch.

LOTS OF OPTIONS

Maxon's new 5 channel (all included) 49Mhz industrial dual conversion superheterodyne communications system lets us all keep in touch.

There are two conventional belt clip beeper style communicators which not only let you be beeped, they give you full two-way communication.

There's also a base station (the only piece that plugs in) for your secretary's desk or the kitchen sink. Since there are 5 separate channels, up to 5 totally separate systems can be in use at once.

If you are using channel 2 and your foreman is using channel 4, switch to 4. You can really mix and match this system.

If you need hands free communication, there are two headset models (only one ear is covered for safety), which are great for forklift and truck drivers.

The headset models offer a voice activated circuit (VOX) which automatically engages the transmitter whenever you speak, so that you are broadcasting. When you stop speaking, it will automatically return to 'stand-by' to wait for a reply.

AT HOME

This system is simply a lifesaver at home. Besides the obvious safety feature of being able to locate your children, you're never out of touch when you're working 'the back forty' or walking the dog around the block.

While you may not need 5 channels at home, the rugged industrial dependability of these units makes them ideal for setting up antennas and summoning help when you're working on a project.

Of course, my kids don't care much about security. They think Maxon's system makes great Walkie Talkies. But, when the call goes out "Earth to boys. Dinner is ready", they do show up.

You can talk to 1 or even 10 people with Think Speaks. The Think Speak is great if you're skiing with friends, using two boats or hiking in the mountains.

AT THE OFFICE

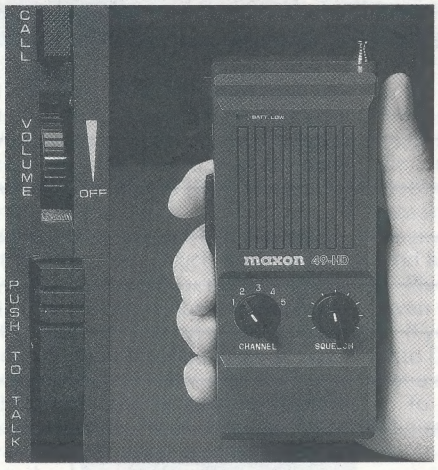
It's true. It seems that whenever I buzz my assistant, she's not at her desk. I've threatened to tie a bell to her. But now I just touch a button, and no matter where she is in DAK's 64,000 square foot facility, I'm in contact.

In your factory, you can communicate with forklift drivers or people working in the warehouse. On construction sites, you're never out of touch with your foreman and heavy equipment operators.

AT PLAY

If you hunt, fish or ski, you can now have clear, clean communication with your partner(s). It can even be used for neighborhood watch security. Now you can have house to house wireless communication, wherever you are.

So, for whatever reason you need to communicate, this system will be on your desk, at your side, or on your ear.



HOW IT WORKS

This system is no toy. When you touch the Talk button on any of the units, you engage a **virtually noise free** quartz crystal locked dual conversion superheterodyne communications circuit that operates on the 49Mhz band.

With its FM modulation, it won't sound like a CB or an AM radio. You'll speak and hear with great power and clarity. And, you shouldn't be bothered by any other radio transmissions as you are with CBs and Walkie Talkies.

The transmission output is a full RF of 10,000uV/m @ 3 meters max. No FCC license is required.

All units are totally interchangeable, sound identical, and will both transmit to and receive from each other. They are industrial units made by Maxon, a pioneer in professional 2-way equipment. They're backed by their standard limited warranty.

TRY THINK SPEAKS RISK FREE

You'll find you have the convenience of a beeper, but with full two-way communication capability.

With the range of up to 1/2 mile, you should be able to keep track of anyone in your office, factory, construction site or neighborhood. If you're not 100% satisfied, simply return it in its original box(es) for a courteous refund.

To order a Maxon Industrial Think Speak Communications System to fit your needs, call toll free or send your check for the models listed below.

A Base, complete with 5 channels, powered by AC is just **$49.90** plus ($3 P&H). Order No. 4530.

A Hand Held Communicator with 5 channels, powered by 4 AA batteries is just **$49.90** plus ($3 P&H). Order No. 4531.

A Hand Held One Channel Communicator (It has the same sound quality), powered by a single 9V battery is just **$29.90** plus ($2 P&H). Use Order No. 4533 for Channel 1, Order No. 4534 for Channel 2, and 4535 for Channel 3.

A Headset Communicator with 5 channels, powered by 4 AA batteries that has VOX (Voice Activation so your hands can be free) is just **$49.90** plus ($3 P&H). Order No. 4532.

A One Channel Headset Communicator with VOX (It has the same sound quality), powered by a single 9V battery is just **$29.90** plus ($3 P&H). Use Order No. 4912 for Channel 1, Order No. 4913 for Channel 2, or Order No. 4914 for channel 3.

Any Communicator on the same channel can communicate with any other. Base Stations are not required. At least 2 communicators of any type are required.

Now you can go where you want and still be in communication. Now you won't have to yell for your children, your secretary or your forklift driver. Forget paging and beeping. Now you can communicate from up to a 1/2 mile away.

☐ Mr.
☐ Mrs.
☐ Miss
☐ Ms.

Order Form

Name (Please Print Clearly)

Address Apt./Suite

City State Zip Code

********** 5-DIGIT 18702

PRIORITY CODE: HX76

07700

S32

For questions, please give us your Daytime Phone (_____) _____

POSTAGE PAID ENVELOPE IS AT CENTER OF CATALOG

1 Fill in above **only** if: 1) ☐ You have moved, 2) ☐ You wish a different shipping address, or 3) ☐ This is not your catalog.

Dear P J
In addition to DAK's Technical Service line, I've added a TDD (Telecommunications Device for the Deaf) number. If you or anyone you know is hearing-impaired, just call 1-800-888-6703 to place your order . . . Drew

DAK INDUSTRIES INCORPORATED
8200 REMMET AVE., CANOGA PARK, CA 91304

DOUBLE RISK FREE OFFER

We want you to try anything in this catalog risk free. You'll find our product descriptions more complete than in any other catalog that you've seen. Our feeling is that the more you know about a product the more likely you are to like it when it comes.

And, that's important to us because when you do receive a product from us, you have a full 30 days to decide if 1) it's what we described, 2) it fits your needs, and 3) you like it.

All you need to do to get your money back, is return the product to us prepaid and insured, in new unmarked condition with all its original parts, instructions, packing boxes and our original invoice (or a copy) within 30 days of when you receive it.

Price Protection. You can't lose. As part of our 30 day risk free trial, in the unlikely event that you find any product that you buy from this catalog selling for less than our catalog price, just send us a copy of any newspaper or magazine advertisement that appears during the 30 day period, and a copy of your invoice.

We will issue you an immediate merchandise credit for the difference in merchandise price. So, you'll have both a satisfaction guarantee plus price protection for 30 days from the time you get any DAK product purchased from this catalog. Of course you are also protected by the individual manufacturer's warranties on all the products we offer.

2 ***How To Order:*** Just fill in our Order Number, the quantity you want, the product description and the price. Then fill in the amount for postage and handling which you will find in parentheses (P&H) after the price of each of our products. For fastest service please use your Credit Card or Money Order. Personal Checks take about ten days to clear. **Do not send cash.** 06929104

	Order Number	Quantity	Description	Page	Price Each	Merchandise Total	P&H Each	P&H Total
1								
2								
3								
4								
5								
6								
7								
8								

3 ***Method of Payment*** *Please, No Cash!*

☐ Check ☐ Money Order ☐ VISA ☐ MasterCard ☐ American Express

Card No. **Exp. Date**

Issuing Bank

Your Signature

Order Toll Free!

Merchandise Total	
California residents add appropriate sales tax.	
Postage & Handling Total	
GRAND TOTAL	

Minimum Order $20.00

FOR CREDIT CARD ORDERS ONLY ...

1-800-DAK-0800 (3 2 5)

Call 24 hours a day 7 days a week!

For Information -
Call 6 a.m. to 5 p.m.
Monday through Friday Pacific Time

Technical Information Only 1-800-888-9818
Any Other Inquiries..... 1-800-888-7808

Thank You!

IMPORTANT INFORMATION

1) Shipping-Whenever possible we will ship your order via UPS. Please try to give us a street address rather than a P.O. Box.

2) Manufacturer's warranties available-All products sold by DAK are covered by the individual manufacturer's warranties. If you would like to see a copy of their exact warranty before you buy, just send us a letter (do not phone) give us the product number and name to the attention of the 'Warranty Department'.

3) Typographical Errors-We make every effort to avoid errors. DAK cannot be responsible for errors. However, should you buy a product based on our error, it is, of course, covered by the normal conditions of our 30 day free trial period.

4) Mailing List-We occasionally make our mailing list available to selected companies who have products that we think you will be interested in. If you wish not to receive these mailings, just send a copy of your mailing label to our 'Mailing List Dept'.

5) Prior Sale and Prices-DAK deals with dozens of manufacturers. Some of the products we offer are close-outs, and sometimes we simply sell more than the manufacturer can make. In any event, we cannot guarantee to supply any product advertised. We will refund your money if we find that we can no longer obtain a product or if its price rises.

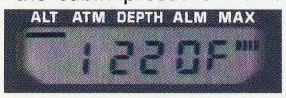
Wrist Warrior

Strap adventure to your wrist. Whether you're climbing, sailing or swimming, you'll know the exact altitude, barometric pressure or water depth. Now you can accurately forecast the weather while sitting in your den. And, if you're traveling by plane you'll know your altitude or cabin pressure just by glancing at your wrist.

By Drew Kaplan

It's a real pain. When I fly, my ears 'pop' as the plane ascends and descends. But now, I have an early warning device.

Now, with a glance at my watch, I can see the cabin pressure increase or decrease. Now I know when to clear my ears before they 'pop'. It's really great.



You'll know the altitude.

Whether you're piloting a private plane, riding a burro down the Grand Canyon or just commuting over the hills on the freeway, you'll know your exact altitude.

Plus, you can even forecast the weather wherever you go (more later).

ESCAPE TO ADVENTURE

Imagine looking at your wrist watch and seeing your altitude change as you rise to the 40th floor of a skyscraper.

Imagine watching your depth reading vary as you dive to the bottom of your pool, snorkel in a lake or skin dive along the Great Barrier reef.

And, imagine knowing tomorrow's weather conditions as you watch your favorite TV show, drive to work or even as you sail through the Bermuda Triangle.

See barometric pressure.

Now you'll have an environmental 'information bank' on your wrist.

Whether you blaze a trail by RV, boat, airplane or on foot, you'll know the altitude, depth, barometric pressure and much more.

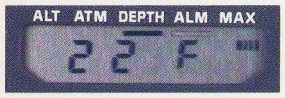
It's fun. And, it's exciting. If you're a frequent flyer you'll be thrilled as you watch the cabin pressure change. And, when you're with business associates you can show them the altitude of their 12th floor office.

Plus, I'm a diver. And, although I still rely on my depth gauge, now I always take my Wrist Warrior along, too. For a quick depth reference it can't be beat. It's water resistant down to 100 meters (300 feet), but I sure don't dive that deep.

FAIR AND FOUL WEATHER FRIEND

Forget weathermen. Touch a button and instantly an accurate pressure reading between 610 to 1,050 millibars is displayed on the LCD readout. And, once you've used this watch and read the instructions, you'll know exactly what millibars are.

Usually a drop in the barometric pressure indicates bad weather is on the way. A rise in the pressure indicates clear skies ahead.



Check underwater depth.

Now if you're hiking in the hills, sailing the seas or relaxing in your den, you'll know what weather is coming your way. And now, you'll know if it's a good day for a family picnic or a day better spent at the movie theater.

The Wrist Warrior sensor uses the International Standard Atmospheric (ISA) relationship between altitude and atmospheric pressure. That's how you'll know the weather, the altitude or the depth.

Its incredibly accurate sensor gives you readings anywhere between -12,120 feet to +12,120 feet.

It makes pinpointing your exact location, whether you're hiking through the wilderness or hiking down to the corner store, quick and easy, fun and informative.

The Wrist Warrior is engineered by Casio and backed by their limited warranty.

WRIST WARRIOR ADVENTURE RISK FREE

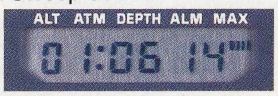
Take off for adventure. Now you can scale a mountain (or a skyscraper), brave the Himalayas (or rush-hour traffic), explore the depths of the ocean (or your backyard pool) and know your altitude or depth.

The alarm keeps you on time.

Plus, you'll forecast rain storms, snow and even tornadoes by looking at your watch.

If you're not 100% thrilled, simply return it to DAK in its original box within 30 days for a courteous refund.

To order your amazing Casio Analog/Digital Wrist Warrior with LCD Readout of Altitude, Depth Gauge, Barometer, Stopwatch, Countdown Timer, Altitude Alarm, Depth Alarm, Dual-Time Zone Settings and Analog Dial with Sweep Second Hand risk free with your credit card, call toll free or send your check for just **$79.90** ($4 P&H). Order No. 5283. CA res add tax.



Time your workouts.

Wait till you're soaring in a plane or riding the escalator in a store and you track your precise altitude. Wait till you dive into a mountain lake or the swimming pool in your backyard and see how deep you go.

And, wait till you glance at your wrist and see the barometric pressure plunge as a thunderstorm moves in, even though it's a clear day outside your living room window.

DAK INDUSTRIES INC.

Call Toll Free For Credit Card Orders Only
24 Hours A Day 7 Days A Week

1-800-325-0800

For Toll Free Information, Call 6AM-5PM Monday-Friday PST

Technical Information.....1-800-888-9818
Any Other Inquiries.....1-800-888-7808
8200 Remmet Ave., Canoga Park, CA 91304

ORDER TOLL FREE

FOR CREDIT CARD ORDERS ONLY
Call 24 hours a day 7 days a week

3 2 5
1-800-DAK-0800
SEE BELOW FOR INFORMATION CALLS

VISA · master charge · AMERICAN EXPRESS Card

Call 6AM to 5PM Monday Through Friday Pacific Time

Technical Information Only. .1-800-888-9818
Any Other Inquiries. 1-800-888-7808

DAK INDUSTRIES INCORPORATED
8200 Remmet Ave.
Canoga Park, CA 91304

Corporate Office
1-818-888-8220

Bulk Rate
U.S. POSTAGE
PAID
DAK INDUSTRIES
INCORPORATED

********** 5-DIGIT 18702
PRIORITY CODE! HX76
07700
WILKESBARRE PA 18702 532

Thad Harrison, 1214 Any Street, Any Town, IL 60172, 312-555-7676

Drew Kaplan, 8200 Remmet Ave., Canoga Park, CA 91304, 818-888-8220

Mom, 1234 Any Street, Any Town, CA 85845, 415-555-7848

Vincent Eastwood, 5678 Any Street, Any Town, PA, 412-555-2314

SALE! Save Over 50%. Now 2 Credit-Card Sized Data Clones For Just $49.90. AND, Get The Data Transfer Cable FREE!

Invasion of the Data Clones

Enter hundreds of names, phone numbers and addresses in these electronic directories 'ONCE'. Update them instantly. And, quickly 'CLONE' your data between any two directories.

By Drew Kaplan

It was frustrating. My relatives, friends and business associates change their jobs, phone numbers and addresses faster than I can update my address book. So, it was always filled with outdated information.

Plus, keeping it updated ate up hours of my (and my wife's) time. And, if you lose your book, all that time is wasted. And, how do you remember all those numbers?

Well, no more. Forget writing new numbers over old ones. Forget hand-copying names from old books to new ones. And, forget ever losing your address book again.

Selectronics has introduced a credit-card sized electronic directory that holds a massive 7,951 characters. And, you can copy every name, address and phone number from one data clone directly to another with the included FREE cable.

Plus, it's on sale. For a limited time you can get TWO data clones with leatherette cases AND the data transfer cable for just $49.90.

INSTANT CLONE MAKER

Enter all your important names, addresses and phone numbers into one data clone.

Each entry is **automatically alphabetized** for you. Whether you delete or add a name, your listings will all be in alphabetical order.

Then connect the data clones with the FREE data transfer cable. Touch a couple of buttons. And, all the information in the first data clone is transferred to the second.

Now you and your spouse can each have identical data clones. And, even if you lose a directory, you'll have a back-up data clone of your entire list. Plus, you can take one with you and leave the other safely at home or at the office. In fact, you may want four or more.

At DAK, my assistant enters our suppliers' names and phone numbers in one directory. The she 'clones' it to other directories and distributes them to my associates. We all carry the **same information.**

MASSIVE MEMORY

There's a flood of electronic directories hitting the market. And, if you just want gadgets their tiny 2,000 character memory (and no cloning ability) may be OK.

But, my name, address and phone number (Drew Alan Kaplan, 8200 Remmet Ave., Canoga Park, CA 91304, 818-888-8220) take over 50 characters.

So, a 2,000 character memory gives you only enough room for less than 40 names.

But, Selectronics' electronic directories hold 7,951 characters in memory. That's approximately 4 times the capacity.

Plus, most other directories only let you store names and numbers in a specific format. Maybe you can enter a phone number and area code, but not an extension.

But, with these 'clonable' directories, you can include numbers for home, office, FAX and cellular phones in the same listing. Plus, I always include the names of my business associates' secretaries. Now, whenever I call I can greet them by name.

They're great at holiday time, too. With these directories, we no longer spend hours hunting through boxes of faded greeting cards in search of long-lost addresses.

Plus each directory's main battery is protected by a backup battery that lasts up to 5 years! And, you can use a security code to hide your data from prying eyes.

You'll have the power of 16 message alarms. You'll have the power of a calculator. And, you'll have a clock, too. They're manufactured by Selectronics and backed by their standard limited warranty.

CLONE YOUR DATA RISK FREE

Enter your data once. And, never enter it again. Update your data clone and marvel as it alphabetizes your listings. And, make automatic copies between any two data clones.

If you aren't 100% thrilled, simply return them in their original boxes to DAK within 30 days for a courteous refund.

To order your **PAIR** of Credit-Card Sized Data Clones with Leatherette Cases and your FREE data transfer cable for transferring data back and forth in seconds risk free with your credit card, call toll free or send your check, not for DAK's original price of $49.90 per unit plus the price of the data cable, but for DAK's Blow-Out price for TWO data clones and a cable of just **$49.90** ($4 P&H). Order No. 5502. CA res add tax.

Now you can enter your names, addresses and phone numbers 'once'. Update them in a flash. Thrill to automatic alphabetization.

And, make instant electronic 'CLONES' of your entire list. Plus, now you get TWO data clones and the FREE data transfer cable for DAK's blow-out price.

Mom, 1234 Any Street, Any Town, CA 85845, 415-555-7848

Thad Harrison, 1214 Any Street, Any Town, IL 60172, 312-555-7676

Vincent Eastwood, 5678 Any Street, Any Town, PA, 412-555-2314

Drew Kaplan, 8200 Remmet Ave., Canoga Park, CA 91304, 818-888-8220

Now, with one simple connection, updating all of your directories is a snap.